

My First Tag



HOW TO WRITE A BBS TAG IN 6 PARTS *from BBS Clef Notes*

Part 3 *What Else do I Need to Know?*

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Presented by Janice Wheeler



- Member of **Pride of Portland Chorus**.
- Faculty Member of **Region 13 & Harmony College Northwest**.
- Coordinator of annual **Region 13 Arrangers WorkShop at HCNW**.
- Coordinator of annual **Tag Writing Contest** cosponsored by **HCNW & North by Northwest Region 13**.
- Recipient of **Tall Timbre Award** from **The Evergreen District of BHS** for "**outstanding contributions to HCNW**".

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My First Tag – Part 3

WHAT ELSE do I NEED to KNOW?

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My First Tag *in* 6 Parts

- Part 1 - Where Do I Begin?
 - CHOOSE A MELODY & WORDS ✓
- Part 2 - What's Next?
 - FIND A KEY SIGNATURE & A TIME SIGNATURE ✓
- **Part 3 - What Else do I Need to Know?**
 - FIND THE CHORDS FOR THE KEY SIGNATURE
- Part 4 - Which Chords to use for My Melody?
 - CHOOSE ONE OF THOSE CHORDS FOR EACH MELODY NOTE
- Part 5 - Which Chord Note to use for Which Part?
 - ASSIGN CHORD PARTS TO VOICE PARTS
- Part 6 - What About Embellishments?
 - ADD BARBERSHOP FLOURISH & STYLE

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from last time . . .

Melody & Words with Key & Time Signatures

Last time we found the Key Signature & Time Signature
for the Melody & Words of My First Tag

The **Key Signature** is **G Major**
The **Time Signature** is **3/4**

Where Are You Tonight?

Words & Music by Janice Wheeler



Let's Continue to Part 3 of My First Tag
What Else do I Need to Know? . . .



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Part 3

FIND CHORDS FOR THE KEY SIGNATURE

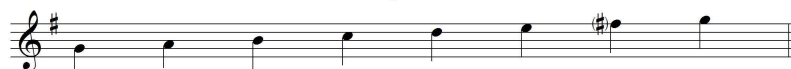
- My First Tag is for Barbershop
- Barbershop is 4-part a cappella harmony
- Harmony is the art of combining simultaneous pitches
- Combining simultaneous pitches creates chords
- Chords are created by harmonizing a scale
- The scale used for the Melody of My First Tag is G Major
- We'll begin today with a Review of the G Major Scale
- And then we'll combine pitches of the G Major Scale to be simultaneously sounded – ***to harmonize the G Major Scale*** – and ***FIND CHORDS FOR THE KEY SIGNATURE*** of G Major.

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G Major Scale Review

Let's review the **G Major Scale** and add some terminology associated with it.

G Major Scale



Alphabet Name:	G	A	B	C	D	E	F#	G
Scale Degree:	1	2	3	4	5	6	7	1/(8)
Solfege Name:	Do	Re	Mi	Fa	Sol	La	Ti	Do
Roman Numeral:	I	ii	iii	IV	V	vi	vii ^o	I
Function Name:	Tonic	Supertonic	Mediant	Subdominant	Dominant	Submediant	Subtonic	Octave Tonic

♪: Alphabet Name shown here is Specific to the G Major Scale.

♪: Scale Degree, Solfege Name, Roman Numeral, and Function Name shown here are general terms common to all Major Scales.

♪: Solfege assumes moveable Do

♪: Subtonic of a Major Scale is *aka* the "leading tone" and the "leading dominant" in music literature.

♪: The 3 predominant chords of BBS harmony are built on the Tonic, Dominant, and Subtonic of a Major Scale.

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Chord Facts

- A Chord results when 3 or more different pitches of a scale are sounded simultaneously. In BBS, we utilize primarily:
 - ✧ **Triads** – chords with 3 pitches – 3-note chords
 - ✧ **7ths** – chords with 4 pitches – 4-note chords – *aka* tetrads
 - ✧ **9ths** – chords with 5 pitches – 5-note chords – *aka* pentads
- Chords can be consonant or dissonant
 - ✧ **Consonant** chords – are stable – "at rest"
 - ✧ **Dissonant** chords – are unstable – "restless" (wanting to move on)
- Chords are named by their root note (fundamental tone)

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How to Harmonize the G Major Scale

- The **1st or Tonic Chord** to harmonize the G Major Scale is created by choosing every other note of the scale **beginning with Scale Degree 1** to create a 3-note cluster which is then stacked vertically on the staff to create the **G Major Triad**:
- The **Tonic Triad** is assigned the Roman Numeral of **I** – so it is often referred to as – “**The I Chord**” – in this case, for the G Major Scale.

Scale degrees: 1 2 3 4 5 6 7 G Major Triad

I

- The next 3-note chord for harmonizing G Major begins with A . . . And so on until a 3-note (triadic) chord has been created for all 7 degrees of the G Major Scale . . .

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CHORDS to HARMONIZE the G MAJOR SCALE TRIADS

The **Triads** (triadic chords) of the **G Major Scale** are:

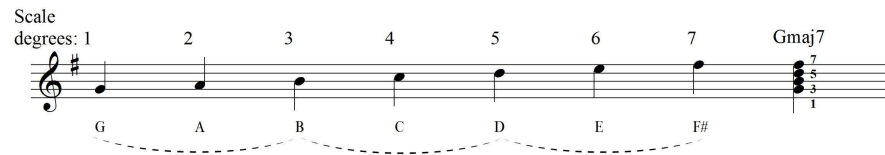
G	A ^m	B ^m	C	D	E ^m	F ^{#dim}
I	ii	iii	IV	V	vi	vii ^o
D	E	F [#]	G	A	B	C
B	C	D	E	F [#]	G	A
G	A	B	C	D	E	F [#]
Tonic				Dominant		Leading Tone

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CHORDS to HARMONIZE the G MAJOR SCALE

7th CHORDS

- 4-note chords that harmonize the G Major Scale are created by choosing every other scale note to combine into a 4-note cluster which is then stacked vertically on the staff to create a 7th Chord:
- They are called 7th Chords because they are formed by adding the 7th pitch of a scale to the top of a triad.



- The next 4-note chord for G Major begins with A . . . and so on until a 4-note (7th) chord has been created for all seven degrees of the scale. . .

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CHORDS to HARMONIZE the G MAJOR SCALE

7th CHORDS

The 7th chords that harmonize the G Major Scale are:


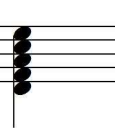
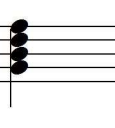

Gmaj7	Am7	Bm7	Cmaj7	D7	Em7	F#m7(b5)
I7	ii7	iii7	IV7	V7	vi7	vii7
F#	G	A	B	C	D	E
D	E	F	G	A	B	C
B	C	D	E	F#	G	A
G	A	B	C	D	E	F#
				Dominant 7 th or "V7"		Leading Dominant

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CHORDS to HARMONIZE the G MAJOR SCALE

9th CHORDS

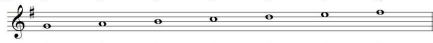
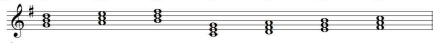

The **9th chords** that harmonize the **G Major Scale** contain 5 notes. They are created by adding the 9th note of the scale to the top of their respective chord stacks. For example:

D7	D9	Gmaj7	Gmaj9
			
DF#AC Dominant 7 th (V7)	DF#ACE Dominant 9 th (V9)	GBDF# Major 7 th	GBDF#A Major 9 th

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Summary

Chords of the Harmonized G Major Scale

<p>G Major Scale: G A B C D E F#</p> <p>Scale Degree: 1 2 3 4 5 6 7</p> <p>Chord Symbol: G Am Bm C D Em F#°</p> <p>Roman Numeral: I ii iii IV V vi vii°</p>							
<p>G Major Scale</p> <p>Alphabet Name: G A B C D E F#</p> <p></p> <p>Scale Degree: 1 2 3 4 5 6 7</p>							
<p>G Major Scale Triads</p> <p>Chord Symbol: G Am Bm C D Em F#°</p> <p></p> <p>Roman Numeral: I ii iii IV V vi vii°</p> <p>Chord Name: G Major A minor B minor C Major D Major E minor F# diminished</p> <p>Chord Spelling: GBD ACE BDF# CEG DFA EGB F#AC</p>							
<p>G Major Scale 7ths & (9ths)</p> <p>Chord Symbol: Gmaj7 Am7 Bm7 Cmaj7 D7 Em7 F#m7(°5)</p> <p></p> <p>Roman Numeral: I7 ii7 iii7 IV7 V7 vi7 vii7</p> <p>Chord Name: G Major 7 A minor 7 B minor 7 C Major 7 (C Major 9) D7 (D9) E minor 7 F# minor 7(°5)</p> <p>Chord Spelling: GBD#F# ACEG BDF#A CEG#B DF#AC EGBD F#ACE (GBDF#A) (CEGBD) (DF#ACE)</p>							

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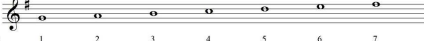
Chords of the Harmonized G Major Scale

So . . . Which of these Chords are Used in Women's BBS?

G Major Scale: G A B C D E F#
 Scale Degree: I 2 3 4 5 6 7
 Chord Symbol: G Am Bm C D Em F#
 Roman Numeral: I ii iii IV V vi vii°

G Major Scale


Alphabet Name: G A B C D E F#



Scale Degree: 1 2 3 4 5 6 7

G Major Scale Triads

Chord Symbol: G Am Bm C D Em F#




Roman Numeral: I ii iii IV V vi vii°

Chord Name: G Major A minor B minor C Major D Major E minor F# diminished

Chord Spelling: GBD ACE BDF# CEG DFA EGB F#AC

G Major Scale 7ths & (9ths)

Chord Symbol: Gmaj7 Am7 Bm7 Cmaj7 D7 Em7 F#m7(b5)



Roman Numeral: I7 ii7 iii7 IV7 V7 vi7 vii7

Chord Name: G Major 7 (G Major 9) A minor 7 B minor 7 C Major 7 (C Major 9) D7 (D9) E minor 7 F# minor 7(b5)

Chord Spelling: GBDFA# ACEG BDF#A CEG# DFA# EGBD F#ACE

← ----- All except
 the 3-note
 diminished chord
 are part of the SAI
 BBS Chord
 Vocabulary

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BBS CHORD VOCABULARY

11 TYPES OF CHORDS

- **Predominant**
- **Major Triad** (*3-note chord*)
- **Dominant 7th**
- **Dominant 9th** (*5-note chord*)
- **Auxiliary**
- **minor triad** (*3-note chord*)
- **minor 6th & Major 6th**
- **minor 7th & Major 7th**
- **Major 9th** (*5-note chord*)
- **Chromatically Altered**
- **diminished 7th**
- **Augmented** (*3-note chord*)

♯: 3-note diminished chord is not generally used in SAI Barbershop; BBS includes 3-note diminished chord, augmented dominant 7th and dominant 7th (b5) chords.

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BBS CHORD VOCABULARY

Major & minor 6ths and Augmented Triads

- Major and minor 6th chords can be formed simply by adding the 6th tone to the top of the chord stacks of the respective Major and minor triads.

Major & minor 6ths G Major Scale				Augmented Major Triads G Major Scale		
G 6	A m 6	C 6	D 6	G +	C +	D +
GBDE	ACEF#	CEGA	DF#AB	GBD#	CEG#	DF#A#

- Any Major triad can be *chromatically altered* to be an Augmented triad simply by raising the top note of the chord (the 5th) by 1/2 step.

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BBS CHORD VOCABULARY

diminished 7th Chords

- The diminished 7th chord of the BBS chord vocabulary is a ***chromatically altered*** chord (as is the augmented chord we just reviewed).
- A ***chromatically altered*** chord has ***one or more accidentals*** (#s or b's) in its structure in the key in which it is used
- Because of the unique structure of diminished 7th chords, there are only three of them. They are shown in the next slide.

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BBS CHORD VOCABULARY

diminished 7th Chords

- diminished 7th Chords in the key of G:

Diminished 7th Chords -- Key of G

Scale tones: G A B C D E F#

BDF#A^b EGB#D^b F#ACE^b

- In common usage, any note in a diminished 7th chord can serve as root for purposes of naming the chord.

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BBS CHORD VOCABULARY

11 TYPES OF CHORDS

- | | |
|--|---|
| <ul style="list-style-type: none"> • Predominant • Auxiliary • Chromatically Altered | <ul style="list-style-type: none"> • Major Triad (<i>3-note chord</i>) • Dominant 7th • Dominant 9th (<i>5-note chord</i>) • minor triad (<i>3-note chord</i>) • minor 6th & Major 6th • minor 7th & Major 7th • Major 9th (<i>5-note chord</i>) • diminished 7th • Augmented (<i>3-note chord</i>) |
|--|---|

♫: 3-note diminished chord is not generally used in SAI Barbershop; BHS includes 3-note diminished chord, augmented dominant 7th and dominant 7th (b5) chords.

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So . . . We have found . . .

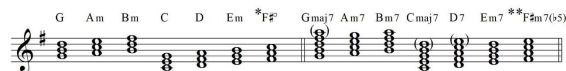
G Major Chords for the BBS Chord Vocabulary

G Major Scale: G A B C D E F#
 Scale Degree: 1 2 3 4 5 6 7
 Chord Symbol: G Am Bm C D Em F#°
 Roman Numeral: I ii iii IV V vi vii°

G Major Scale

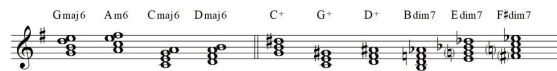


G Major Scale Triads, 7ths & (9ths)



*3-note diminished chord not part of SAI Chord Vocabulary for BBS
 ** F#m7(5) has same 4 notes as D7(no root)

G Major Scale 6ths, Augmented Triads, Diminished 7ths



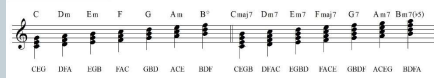
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♯: for Public Domain songs not Key of G . . .

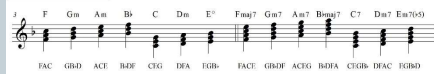
Harmonized Scales for Other Major Keys (through 4 bs & 4 #s)

Chart of Harmonized Major Scales

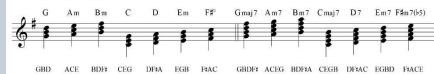
C Major Scale Triads & 7ths



F Major Scale Triads & 7ths



G Major Scale Triads & 7ths



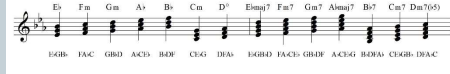
Bb Major Scale Triads & 7ths



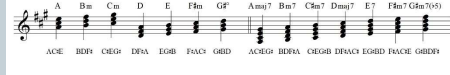
D Major Scale Triads & 7ths



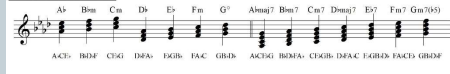
Eb Major Scale Triads & 7ths



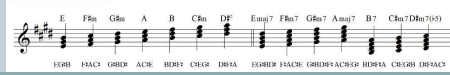
A Major Scale Triads & 7ths



Ab Major Scale Triads & 7ths



E Major Scale Triads & 7ths



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Next Time . . . *Part 4*



- Using the ***BBS Chord Vocabulary*** for the G Major Scale that we found today in *Part 3* . . .
- We'll choose one of those chords for each Melody note of My First Tag.
- See you next time *for* . . .

Part 4

Which Chords to use for My Melody?

CHOOSE ONE OF THOSE CHORDS FOR EACH MELODY NOTE