

Tone Quality

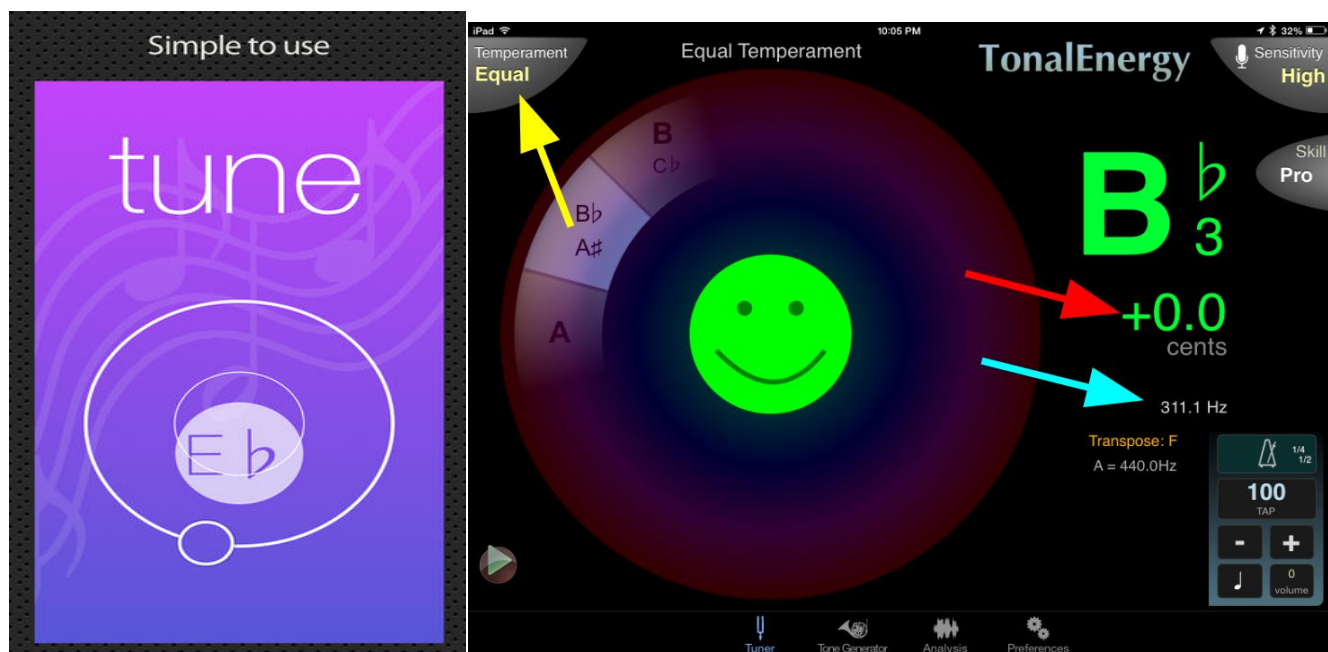
- The character of musical tones with reference to their richness or perfection
 - Center of tone and pitch
 - Breath support and control
 - Balance and blend when playing with others
 - Foreground: melody
 - Background: chordal harmony

Flat and Sharp

- A flat lowers the pitch by a half step. If you are flat push in your tuning slide, barrel, mouthpiece, etc.
- A sharp raises the pitch by a half step. If you are sharp, pull out your tuning slide, barrel, mouthpiece, etc.
- In general cold band instruments play flat (thus why we warm up)
- When playing loud band instruments tend to play flat, and when playing soft band instruments tend to play sharp
- When playing a crescendo instruments tend to go flat, and when playing a decrescendo band instruments tend to go sharp.

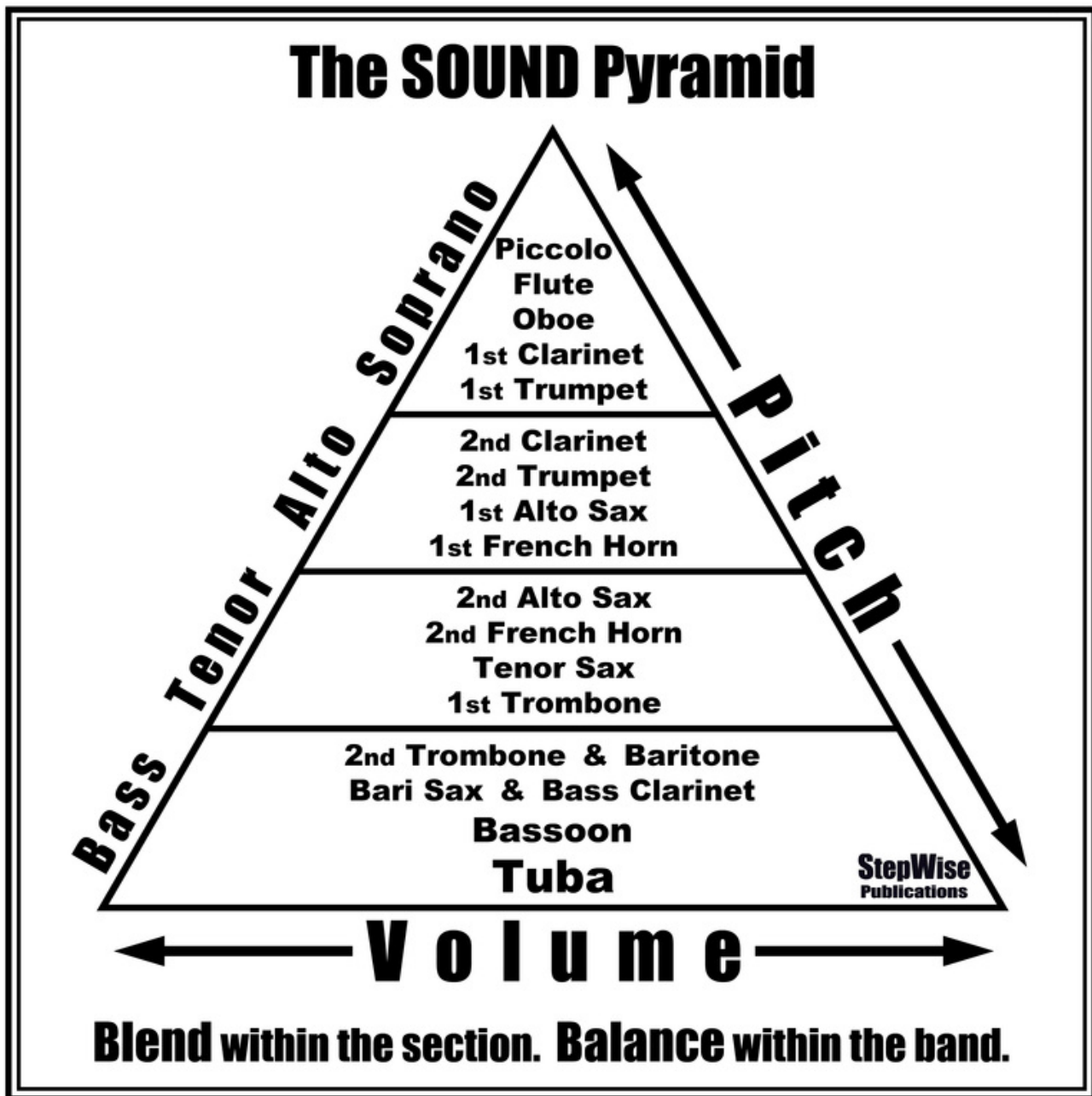
Individual tuning: Band tuning apps to use on your phones

- Musicianskit by Kevin Murphy free
- Band tools app by Duane Christiansen (tune, time and tone, below) free



- istrobosoft by Peterson \$9.99
- Tonal energy by Sonosaurus (smiley face, above) \$3.99

Tuning the band



- Bass instruments crescendo/decrescendo 100%
- Tenor instruments crescendo/decrescendo 75%
- Alto instruments crescendo/decrescendo 50%
- Soprano instruments crescendo/decrescendo 25%