Circle of Fifths Conversion Formulas: P8fractions and P12fractions

Conversion Formula: P8fraction to P12fraction

P12fraction = 12/19 × P8fraction

Conversion Formula: P12fraction to P8fraction

P8fraction = 19/12 × P12fraction

Example

Roshan Kakiya's Idealised Young I (P8fractions)

Pure Fifth narrowed by 1/6 Pythagorean Comma: C-G, G-D, D-A and A-E.

Pure Fifth narrowed by 1/12 Pythagorean Comma: E-B, B-F#, A#-F and F-C.

Pure Fifth: F#-C#, C#-G#, G#-D# and D#-A#.

Roshan Kakiya's Stretched Young I (P12fractions)

P12fraction = 12/19 × 1/6 Pythagorean Comma = 2/19 Pythagorean Comma.

P12fraction = 12/19 × 1/12 Pythagorean Comma = 1/19 Pythagorean Comma.

Pure Fifth narrowed by 2/19 Pythagorean Comma: C-G, G-D, D-A and A-E.

Pure Fifth narrowed by 1/19 Pythagorean Comma: E-B, B-F#, A#-F and F-C.

Pure Fifth: F#-C#, C#-G#, G#-D# and D#-A#.