# Sagittal Olympian symbol set for 7-limit ratios

| X | | | Apotome - X | | | Apotome + X | | | 2 · Apotome - X | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **acc.** | **monzo** | **ratio** | **acc.** | **monzo** | **ratio** | **acc.** | **monzo** | **ratio** | **acc.** | **monzo** | **ratio** |
| |//| | \|0> | 1/1 | /\|\ | \|-11 7> | 2187/2048 | /\|\ | \|-11 7> | 2187/2048 | /X\ | \|-22 14> | 4782969/4194304 |
| **schisma** | | | **large semitone** | | | **apotome + schisma** | | | **apotome + large semitone** | | |
| '\| | \|-15 8 1> | 32805/32768 | ./\|\ | \|4 -1 -1> | 16/15 | '/\|\ | \|-26 15 1> | 71744535/67108864 | ./X\ | \|-7 6 -1> | 729/640 |
| **kleisma** | | | **...** | | | **apotome + kleisma** | | | **...** | | |
| \|( | \|10 -6 1 -1> | 5120/5103 | /\|) | \|-21 13 -1 1> | 11160261/10485760 | \|\|\|( | \|-1 1 1 -1> | 15/14 | /X) | \|-32 20 -1 1> | |
| \|(' | \|5 -7 -1 3> | 10976/10935 | /\|). | \|-16 14 1 -3> | 23914845/22478848 | \|\|\|(' | \|-6 0 -1 3> | 343/320 | /X). | \|-27 21 1 -3> | |
| '\|( | \|-5 2 2 -1> | 225/224 | ./\|) | \|-6 5 -2 1> | 1701/1600 | '\|\|\|( | \|-16 9 2 -1> | 492075/458752 | ./X) | \|-17 12 -2 1> | 3720087/3276800 |
| ~\|. | \|-10 1 0 3> | 1029/1024 | )//\|' | \|-1 6 0 -3> | 729/686 | ~\|\|\|. | \|-21 8 0 3> | 2250423/2097152 | )//X' | \|-12 13 0 -3> | 1594323/1404928 |
| ')\|(. | \|21 -5 -2 -3> | 2097152/2083725 | .//\|' | \|-32 12 2 3> | | ')\|\|\|(. | \|10 2 -2 -3> | 9216/8575 | .//X' | \|-43 19 2 3> | |
| **comma** | | | **limma** | | | **apotome + comma** | | | **apotome + limma (= whole tone)** | | |
| ~\|(.. | \|1 2 -3 1> | 126/125 | (\|\|(" | \|-12 5 3 -1> | 30375/28672 | ~\|\|\|(.. | \|-10 9 -3 1> | 137781/128000 | (X(" | \|-23 12 3 -1> | 66430125/58720256 |
| ~\|(. | \|0 -5 1 2> | 245/243 | (\|\|(' | \|-11 12 -1 -2> | 531441/501760 | ~\|\|\|(. | \|-11 2 1 2> | 2205/2048 | (X(' | \|-22 19 -1 -2> | |
| \|~.. | \|-14 10 -2 1> | 413343/409600 | /\|\|~" | \|3 -3 2 -1> | 200/189 | \|\|\|~.. | \|-25 17 -2 1> | | /X~" | \|-8 4 2 -1> | 2025/1792 |
| \|~. | \|-15 3 2 2> | 33075/32768 | /\|\|~' | \|4 4 -2 -2> | 1296/1225 | \|\|\|~. | \|-26 10 2 2> | 72335025/67108864 | /X~' | \|-7 11 -2 -2> | 177147/156800 |
| ./\| | \|11 -4 -2> | 2048/2025 | '\|\|\ | \|-22 11 2> | 4428675/4194304 | ./\|\|\ | \|0 3 -2> | 27/25 | 'X\ | \|-33 18 2> | |
| /\| | \|-4 4 -1> | 81/80 | \|\|\ | \|-7 3 1> | 135/128 | /\|\|\ | \|-15 11 -1> | 177147/163840 | X\ | \|-18 10 1> | 295245/262144 |
| /\|' | \|-5 -3 3 1> | 875/864 | \|\|\. | \|-6 10 -3 -1> | 59049/56000 | /\|\|\|' | \|-16 4 3 1> | 70875/65536 | X\. | \|-17 17 -3 -1> | |
| '/\| | \|-19 12> | 531441/524288 | .\|\|\ | \|8 -5> | 256/243 | '/\|\|\ | \|-30 19> | | .X\ | \|-3 2> | 9/8 |
| '/\|' | \|-20 5 4 1> | 1063125/1048576 | .\|\|\. | \|9 2 -4 -1> | 4608/4375 | '/\|\|\|' | \|-31 12 4 1> | | .X\. | \|-2 9 -4 -1> | 19683/17500 |
| .\|) | \|21 -10 -1 -1> | 2097152/2066715 | '\|\|) | \|-32 17 1 1> | | .\|\|\|) | \|10 -3 -1 -1> | 1024/945 | 'X) | \|-43 24 1 1> | |
| \|) | \|6 -2 0 -1> | 64/63 | \|\|) | \|-17 9 0 1> | 137781/131072 | \|\|\|) | \|-5 5 0 -1> | 243/224 | X) | \|-28 16 0 1> | |
| \|)' | \|5 -9 4> | 20000/19683 | \|\|). | \|-16 16 -4> | 43046721/40960000 | \|\|\|)' | \|-6 -2 4> | 625/576 | X). | \|-27 23 -4> | |
| '\|) | \|-9 6 1 -1> | 3645/3584 | .\|\|) | \|-2 1 -1 1> | 21/20 | '\|\|\|) | \|-20 13 1 -1> | 7971615/7340032 | .X) | \|-13 8 -1 1> | 45927/40960 |
| '\|)' | \|-10 -1 5> | 3125/3072 | .\|\|). | \|-1 8 -5 > | 6561/6250 | '\|\|\|)' | \|-21 6 5> | 2278125/2097152 | .X). | \|-12 15 -5 > | 14348907/12800000 |

| small diesis | | | small semitone | | | apotome + small diesis | | | apotome + small semitone | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| '(\| | \|1 0 2 -2> | 50/49 | .)\|\|~ | \|-12 7 -2 2> | 107163/102400 | '(\|\|\| | \|-10 7 2 -2> | 54675/50176 | .)X~ | \|-23 14 -2 2> | |
| ~\|) | \|-4 -1 0 2> | 49/48 | ~~\|\| | \|-7 8 0 -2> | 6561/6272 | ~\|\|\|) | \|-15 6 0 2> | 35721/32768 | ~~X | \|-18 15 0 -2> | 14348907/12845056 |
| '~\|) | \|-19 7 1 2> | 535815/524288 | .~~\|\| | \|8 0 -1 -2> | 256/245 | '~\|\|\|) | \|-30 14 1 2> | | .~~X | \|-3 7 -1 -2> | 2187/1960 |
| .//\| | \|7 0 -3> | 128/125 | ')\|\|( | \|-18 7 3> | 273375/262144 | .//\|\|\| | \|-4 7 -3> | 2187/2000 | ')X( | \|-29 14 3> | |
| .//\|' | \|6 -7 1 1> | 2240/2187 | ')\|\|(. | \|-17 14 -1 -1> | 4782969/4587520 | .//\|\|\|' | \|-5 0 1 1> | 35/32 | ')X(. | \|-28 21 -1 -1> | |
| //\| | \|-8 8 -2> | 6561/6400 | )\|\|( | \|-3 -1 2> | 25/24 | //\|\|\| | \|-19 15 -2> | 14348907/13107200 | )X( | \|-14 6 2> | 18225/16384 |
| //\|' | \|-9 1 2 1> | 525/512 | )\|\|(. | \|-2 6 -2 -1> | 729/700 | //\|\|\|' | \|-20 8 2 1> | 1148175/1048576 | )X(. | \|-13 13 -2 -1> | 1594323/1433600 |
| **(medium) diesis** | | | **large diesis** | | | **apotome + (medium) diesis** | | | **apotome + large diesis** | | |
| )//\|' | \|17 -6 -2 -1> | 131072/127575 | )\|\\. | \|-28 13 2 1> | | )//\|\|\|' | \|6 1 -2 -1> | 192/175 | )\|\|\\. | \|-39 20 2 1> | |
| /\|) | \|2 2 -1 -1> | 36/35 | (\|\ | \|-13 5 1 1> | 8505/8192 | /\|\|\|) | \|-9 9 -1 -1> | 19683/17920 | (\|\|\ | \|-24 12 1 1> | 18600435/16777216 |
| /\|)' | \|1 -5 3> | 250/243 | (\|\. | \|-12 12 -3> | 531441/512000 | /\|\|\|)' | \|-10 2 3> | 1125/1024 | (\|\|\. | \|-23 19 -3> | |
| '/\|) | \|-13 10 0 -1> | 59049/57344 | .(\|\ | \|2 -3 0 1> | 28/27 | '/\|\|\|) | \|-24 17 0 -1> | | .(\|\|\ | \|-9 4 0 1> | 567/512 |
| '/\|)' | \|-14 3 4> | 16875/16384 | .(\|\. | \|3 4 -4> | 648/625 | '/\|\|\|)' | \|-25 10 4> | 36905625/33554432 | .(\|\|\. | \|-8 11 -4> | 177147/160000 |
| (/\| | \|12 -4 0 -2> | 4096/3969 | \|\) | \|-23 11 0 2> | 8680203/8388608 | (/\|\|\| | \|1 3 0 -2> | 54/49 | \|\|\) | \|-34 18 0 2> | 18983603961/... |
| )/\|\ | \|-3 4 1 -2> | 405/392 | )/\|\' | \|-8 3 -1 2> | 1323/1280 | )/\|\|\ | \|-14 11 1 -2> | 885735/802816 | )/\|\|\' | \|-19 10 -1 2> | 2893401/2621440 |