

## YouTube - Recap of available video file resolutions as of end of November 2008

**4x3 Formatted file** - Uploaded file: MP4, 43.05 MB, **960x720**, 29.29 fps, H.264, 2082 kbits/sec - AAC, stéréo, 44.1 KHz, 128kbits/sec

YT Read Parameter	File Size	File type	Video Codec	Frame Rate	Video Throughput	File Resolution	YT Window Size	Sound Codec	Channels <sup>1</sup>	Sampling Rate	Audio Throughput
<b>&amp;fmt=22<sup>2</sup></b>	6.22 MB	FLV	H.263	29.29 fps	256 kbits/s	320x240	640x360 PB <sup>3</sup>	MP3	Mono	22,05 KHz	64 kbits/sec
<b>&amp;fmt=18</b>	10.85 MB	MP4	H.264	29.29 fps	432 kbits/s	480x360	640x360 PB	AAC	Stereo	44.10 KHz	126 kbits/sec
<b>&amp;fmt=6</b>	12.81 MB	FLV	H.263	29.29 fps	536 kbits/s	480x360	640x360 PB	MP3	Mono	44.10 KHz	96 kbits/sec
<b>YT High Quality</b>	12.81 MB	FLV	H.263	29.29 fps	536 kbits/s	480x360	640x360 PB	MP3	Mono	44.10 KHz	96 kbits/sec
<b>YT Normal Quality</b>	6.22 MB	FLV	H.263	29.29 fps	256 kbits/s	320x240	640x360 PB	MP3	Mono	22,05 KHz	64 kbits/sec
<b>Original QTYoutube Script</b>	10.85 MB	MP4	H.264	29.29 fps	432 kbits/s	480x360	480x360 QT <sup>4</sup>	AAC	Stereo	44.10 KHz	126 kbits/sec
<b>Modified QTYoutube Script</b>	10.85 MB	MP4	H.264	29.29 fps	432 kbits/s	480x360	640x480 QT <sup>5</sup>	AAC	Stereo	44.10 KHz	126 kbits/sec

<sup>1</sup> Did not test more than 2 channels

<sup>2</sup> No HD file produced by YT, it defaults to normal quality

<sup>3</sup> PB = Pillow Boxing

<sup>4</sup> Left justified QuickTime window

<sup>5</sup> Centered QuickTime window

**16x9 Formatted file** - Uploaded file: MP4, 43.94 MB, **1280x720**, 29.29 fps, H.264, 2127 kbits/sec - AAC, stéréo, 44.1 KHz, 128kbits/sec

YT Read Parameter	File Size	File type	Video Codec	Frame Rate	Video Throughput	File Resolution	YT Window Size	Sound Codec	Channels <sup>1</sup>	Sampling Rate	Audio Throughput
<b>&amp;fmt=22</b>	41.70 MB	MP4	H.264	29.29 fps	2.0 Mbits/s	1280x720	640x360 <sup>2</sup>	AAC	Stereo	44.10 KHz	145 kbits/sec
<b>&amp;fmt=18</b>	10.39 MB	MP4	H.264	29.29 fps	408 kbits/s	480x270	640x360	AAC	Stereo	44.10 KHz	126 kbits/sec
<b>&amp;fmt=6</b>	12.46 MB	FLV	H.263	29.29 fps	545 kbits/s	480x270	640x360	MP3	Mono	44.10 KHz	96 kbits/sec
<b>YT High Quality</b>	12.46 MB	FLV	H.263	29.29 fps	545 kbits/s	480x270	640x360	MP3	Mono	44.10 KHz	96 kbits/sec
<b>YT Normal Quality</b>	6.23 MB	FLV	H.263	29.29 fps	256 kbits/s	320x180	640x360	MP3	Mono	22,05 KHz	64 kbits/sec
<b>Original QTYoutube Script</b>	10.39 MB	MP4	H.264	29.29 fps	408 kbits/s	480x270	480x270 QT <sup>3</sup>	AAC	Stereo	44.10 KHz	126 kbits/sec
<b>Modified QTYoutube Script</b>	10.39 MB	MP4	H.264	29.29 fps	408 kbits/s	480x270	640x360 QT <sup>4</sup>	AAC	Stereo	44.10 KHz	126 kbits/sec

<sup>1</sup> Did not test more than 2 channels

<sup>2</sup> Can be played full screen but requires a powerful CPU (Dual 1.25 GHz G4 not enough!)

<sup>3</sup> Left justified QuickTime window

<sup>4</sup> Centered QuickTime window

### Notes & Conclusion

1. YouTube High Quality is the same as &fmt=6
2. The 16x9 format means smaller files on average for Standard and High Quality viewing.
3. No HD quality file were produced when 4x3 format was uploaded even if it had 720 lines of resolution.