Checking YouTube's Per-Title Encoding Algorithm

Top Gun 2 - 480p

Top Gun2			
Resolution	AV1	VP9	AVC
256x144	67,000	78,000	63,000
426x240	124,000	147,000	137,000
640x360	256,000	319,000	264,000
854x480	463,000	583,000	435,000

For this encode, YouTube used the lowest bitrate for the AVC codec. As the frames on the following pages seem to show, this wasn't

a good choice as AVC was clearly the most degraded and retained the least detail.













Ozuna - La Funka

Ozuna - La Funka			
Resolution	AV1	VP9	AVC
256x144	73,000	84,000	83,000
426x240	147,000	175,000	179,000
640x360	299,000	372,000	348,000
854x480	529,000	670,000	591,000

For this encode, YouTube encoded AVC more aggressively than VP9. As the frames show,

AVC clearly exhibited lower quality than VP9 and AV1.











