commandN 147-techTIPS: Pixel Aspect Ratios by Jeff MacArthur

Note: *Colors are inverted, as the video plates these came from where on a black background. Do not adjust your set :-)*

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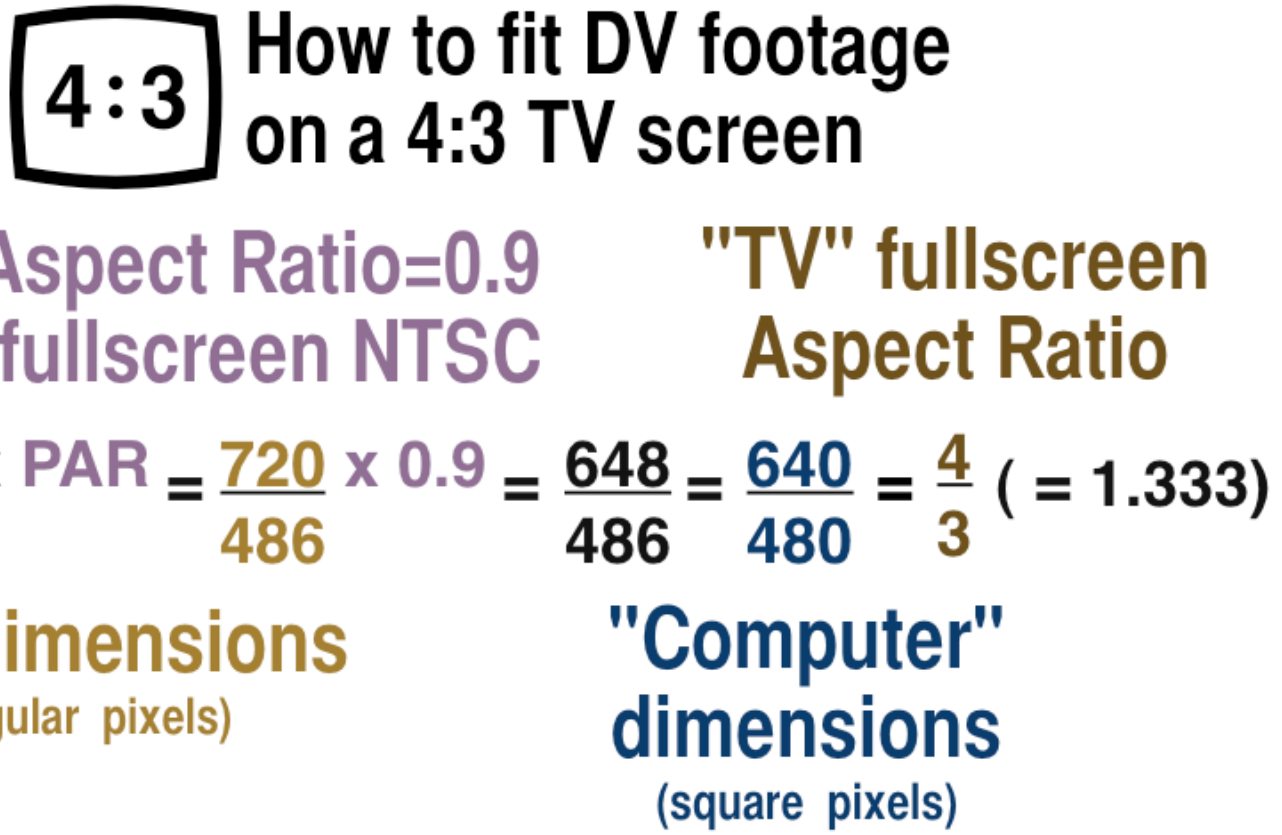

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commandN 147-techTIPS: **Pixel Aspect Ratios** by Jeff MacArthur

How to fit DV footage on a 16:9 TV screen

Pixel Aspect Ratio=1.2 for widescreen NTSC

"TV" widescreen Aspect Ratio

$$\frac{720}{486} \times PAR = \frac{720}{486} \times 1.2 = \frac{864}{486} = \frac{640}{360} = \frac{16}{9} \; (= 1.778)$$

DV dimensions
(rectangular pixels)

"Computer" dimensions
(square pixels)

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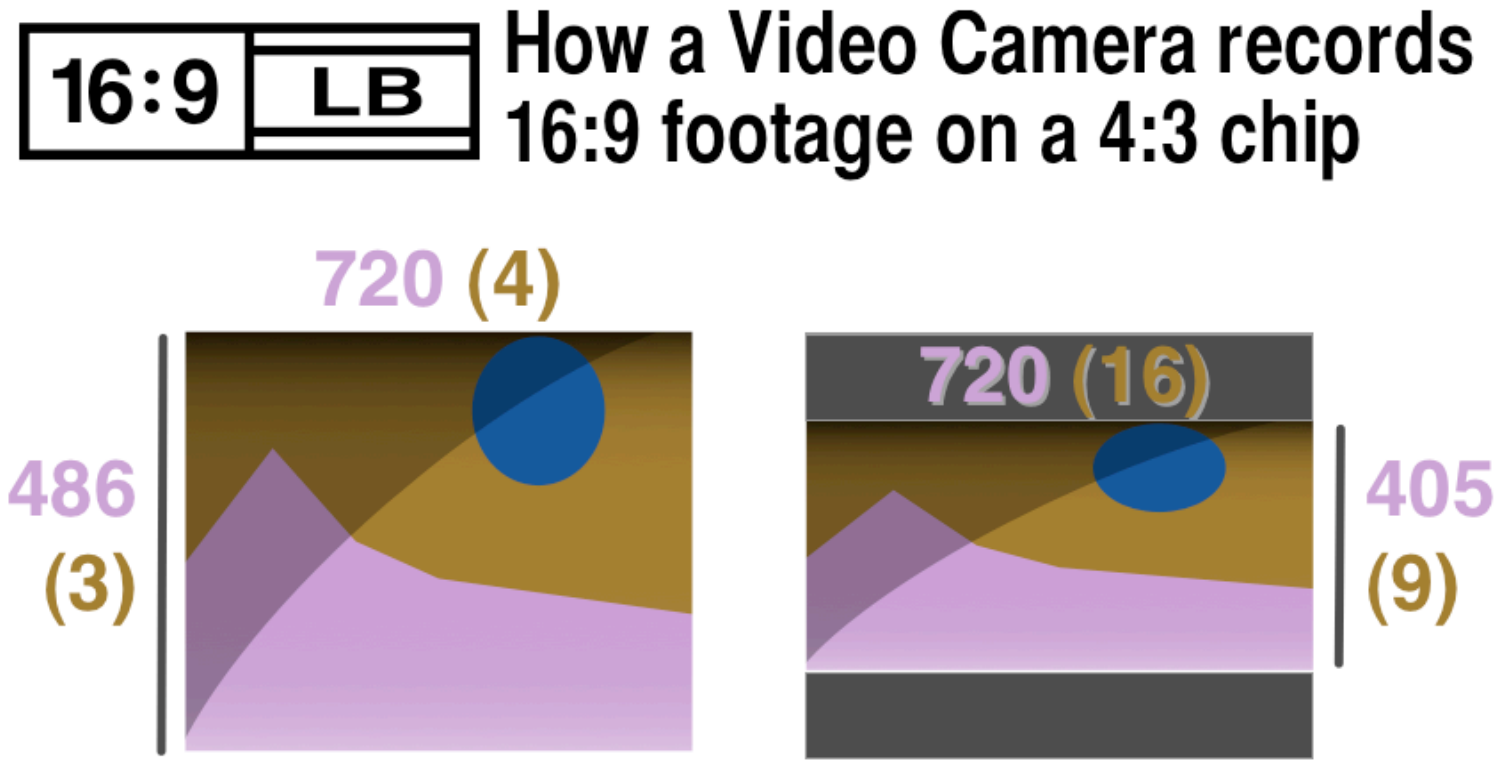

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