

4:3 How to fit DV footage on a 4:3 TV screen



720 x 486



4:3

$$(1.5 =) \frac{720}{486} \neq \frac{4}{3} (= 1.333)$$

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

4:3 How to fit DV footage
on a 4:3 TV screen

Pixel Aspect Ratio=0.9
for fullscreen NTSC

"TV" fullscreen
Aspect Ratio

$$\frac{720}{486} \times \text{PAR} = \frac{720}{486} \times 0.9 = \frac{648}{486} = \frac{640}{480} = \frac{4}{3} (= 1.333)$$

DV dimensions
(rectangular pixels)

"Computer"
dimensions
(square pixels)

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

Pixel Aspect Ratio=1.2 for widescreen NTSC

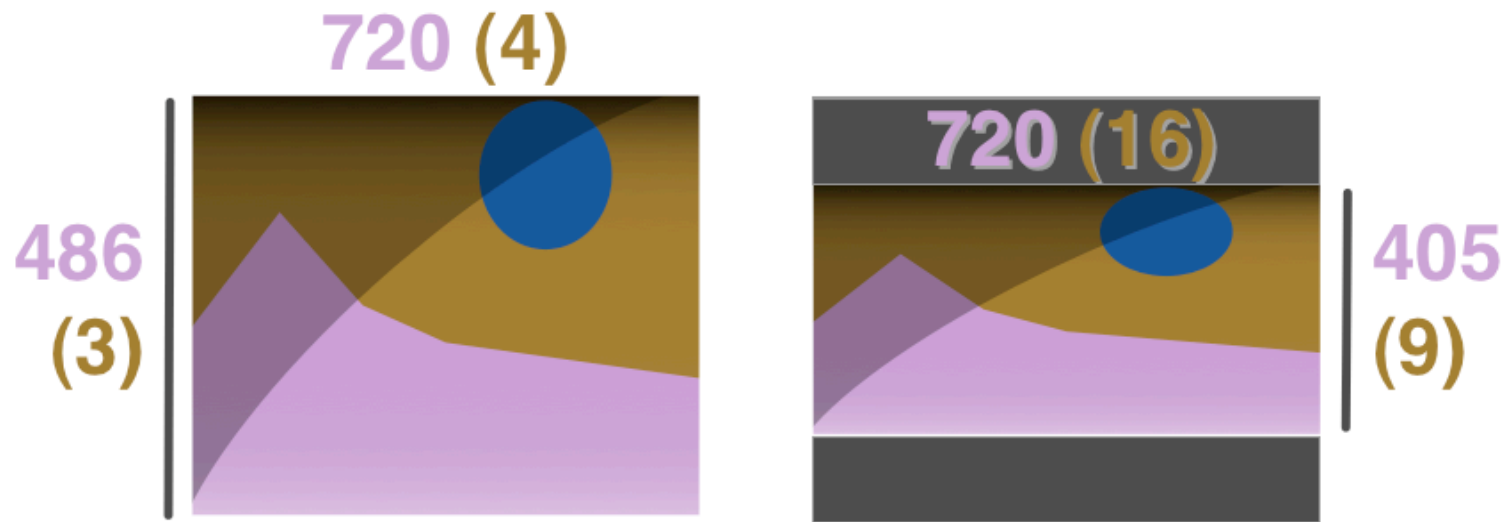
"TV" widescreen Aspect Ratio

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

DV dimensions
(rectangular pixels)

"Computer" dimensions
(square pixels)

16:9 LB How a Video Camera records 16:9 footage on a 4:3 chip



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