## Aspect Ratio

 terms, divide the larger number listed ( $x$, or the horizontal resolution) as the resolution by the smaller ( $y$, or the vertical resolution), and you'll have a value that will give you the aspect ratio.

For example:
A $1024 \times 768$ monitor: $1024 / 768=1.33333$, so you have a $4: 3$ ratio screen.
A $1280 \times 1024$ monitor: $1280 / 1024=1.2$, so you have a $5: 4$ ratio screen.
And so on. Here's a quick table to make it easier:
Value obtained by $x / y$ Aspect ratio
1.33... 4:3
1.20... 5:4
1.66... 15:9
1.77... 16:9
1.60... 16:10

 debate. If a DVD is designed for a 16:9 ratio screen, how can the ratio be 2.35:1? 'Gladiator' is one such example of this, while 'The Crow' holds closer to the proper figure.

To make it easier to see exactly what aspect ratio does to an image, here's a simple comparison. All of these are the same height - 120 pixels, with the width dictated by the aspect ratio.

Quelle: WSGF

