IMAGE RESOLUTION
YOUR GUIDE TO USING eDESIGN

WHAT IS IMAGE RESOLUTION?

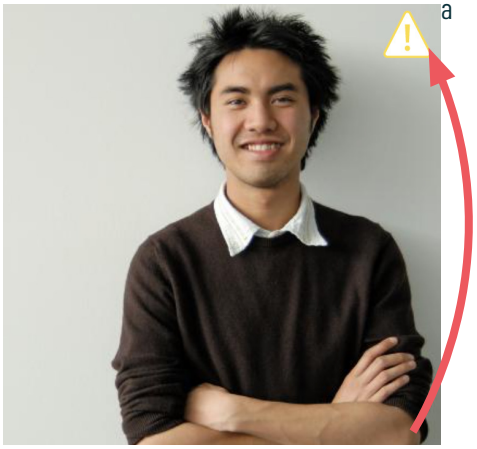
Digital images are made up of little blocks of color called pixels. "Resolution" is the number of pixels per inch in an image. The more pixels per inch (ppi), the higher the resolution. Think of it like your television—if you have a new 4K or 8K TV, the screen has more pixels per inch than a normal HD display. The images look clearer and more vivid on the higher resolution screen because the screen has more pixels jammed in to the same amount of space.

You've heard of population density? Well, this is pixel density.

WHY DOES IT MATTER FOR MY YEARBOOK?

In Yearbook, we're not thinking about the number of pixels per inch on a screen (like our example above). We're thinking of pixels per inch on the printed page. If you make an image larger on the page, that will reduce the resolution since the pixels in that image will be spread out over a larger space. Most of the time this is no big deal. However, when you get to very low resolutions, the individual pixels of the image become more visible, and the image may appear "pixelated" or blurry—basically, it will look bad.

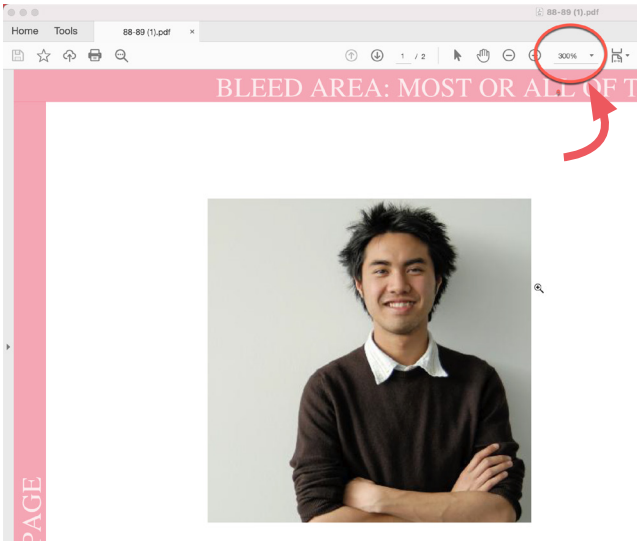
For a video explanation, go here: **ybk.link/resolution**



The resolution alert appears in the top right corner of an image.

WILL THE IMAGE PRINT OKAY?

Sometimes you'll have an image with a resolution alert, but you are pretty sure it is close to being okay (maybe it is just a little under the resolution alert threshold of 250 ppi). One way to check is to generate a high-resolution PDF of the spread (advisers only) and zoom in to 300%. If the image looks acceptable to to you at 300% in the high-resolution PDF, then it should be acceptable on the printed page.



CAN I INCREASE THE RESOLUTION OF AN IMAGE?

The only way to truly increase the resolution of an image is to print the image at a smaller size. If you know a little about Photoshop or a similar program, you can add pixels to an image. This will technically increase the resolution, but it is not really advised. You are asking the program to make up pixels. While this works like a breeze on re-runs of CSI Miami, not so much in the real world. It may increase the resolution number, but it doesn't really increase the quality of the photo.