Example A
SAME PIXEL DIMENSIONS, HIGHER DPI; LOWER PHYSICAL SIZE

Understanding DPI and image resolution
This cheatsheet accompanies a guide on Creative Bloq. For the complete explanation, go to bit.ly/dpi-guide

Example B
SAME PHYSICAL SIZE, LOWER DPI; LOWER PIXEL DIMENSIONS

Example C
HIGHER PIXEL DIMENSIONS (INTERPOLATED), SAME PHYSICAL SIZE; HIGHER DPI