Ppmflash User Manual

ppmflash

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NAME

ppmflash - brighten a picture to approach white

SYNOPSIS

ppmflash *flashfactor* [*ppmfile*]

DESCRIPTION

This program is part of Netpbm.

ppmflash reads a PPM image as input. It changes the color of each pixel to bring it a specified amount closer to white. It generates a PPM image of the result.

flashfactor is a real number between 0 and 1, inclusive. **ppmflash** increases the intensity of each RGB component by the fraction *flashfactor* of the difference between the current value and full intensity. So if a pixel contains 60% full red, 10% full green, and no blue and you specify 0.5 (half), **ppmflash** increases the red to 80% (because it was 40% from full intensity, so it adds half of 40% to the original 60%), the green to 55%, and the blue to 50%.

If *flashfactor* is zero, the output is identical to the input. If *flashfactor* is one, the output is all white.

ppmbrighten does a more normal kind of brightening. **pamfunc** does a very simple brightening. Both **ppmbrighten** and **pamfunc** can reduce brightness as well.

pnmgamma is another way people do a similar brightening, though it isn't really intended for that.

SEE ALSO

ppmbrighten pamfunc, pnmgamma, ppm,

AUTHOR

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