Ppmtopgm User Manual

ppmtopgm

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NAME

ppmtopgm - convert a PPM image to a PGM image

SYNOPSIS

ppmtopgm [*ppmfile*]

DESCRIPTION

This program is part of Netpbm.

ppmtopgm reads a PPM as input and produces a PGM as output. The output is a "black and white" rendering of the original image, as in a black and white photograph. The quantization formula **ppmtopgm** uses is g = .299 r + .587 g + .114 b.

Note that although there is a **pgmtoppm** program, it is not necessary for simple conversions from pgm to ppm , because any ppm program can read pgm (and pbm) files automatically. **pgmtoppm** is for colorizing a pgm file. Also, see **ppmtorgb3** for a different way of converting color to gray. And **ppmdist** generates a grayscale image from a color image, but in a way that makes it easy to differentiate the original colors, not necessarily a way that looks like a black and white photograph.

QUOTE

Cold-hearted orb that rules the night
Removes the colors from our sight
Red is gray, and yellow white
But we decide which is right
And which is a quantization error.

SEE ALSO

pgmtoppm, **ppmtorgb3**, **rgb3toppm**, **ppmdist**, **ppm**, **pgm**

AUTHOR

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