Pnmalias User Manual

pnmalias

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NAME

pnmalias - antialias a PNM image

SYNOPSIS

pnmalias [**-bgcolor** *color*] [**-fgcolor** *color*] [**-bonly**] [**-fonly**] [**-balias**] [**-falias**] [**-weight** *w*] [*pnmfile*]

DESCRIPTION

This program is part of Netpbm.

pnmalias reads a PNM image as input, and applies anti-aliasing to background and foreground pixels. If the input file is a PBM, **pnmalias** promots the output anti-aliased image to a PGM, and prints a message informing the user of the change in format.

OPTIONS

-bgcolor *colorb* sets the background color the *colorb*.

-fgcolor *colorf* sets the foreground color to *colorf*.

Pixels with these values will be anti-aliased. By default, **pnmalias** takes the background color to be black, and foreground color to be white.

Specify the color (*color*) as described for the argument of the **ppm_parsecolor()** library routine.

Note that even when dealing with PGMs, background and foreground colors need to be specified in the fashion described above. In this case, **pnmalias** takes the background and foreground pixel values to be the value of the red component for the specified color.

-bonly says to apply anti-aliasing only to the background pixels.

-fonly says to apply anti-aliasing only to the foreground pixels.

-balias says to apply anti-aliasing to all pixels surrounding background pixels.

-falias says to apply anti-aliasing to all pixels surrounding foreground pixels.

If you specify neither **-balias** nor **-falias**, **pnmalias** applies anti-aliasing only among neighboring background and foreground pixels.

-weight *w* says to use *w* as the central weight for the aliasing filter. *w* must be a real number in the range 0 < *w* < 1. The lower the value of *w* is, the "blurrier" the output image is. The default is w = 1/3.

SEE ALSO

pbmtext, pnmsmooth, pnm

AUTHOR

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