
Subject: Re: color_quan & gif files

Posted by [Liam Gumley](#) on Fri, 30 Jul 1999 07:00:00 GMT

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David Fanning wrote:

- > A further advantage of the CUBE method is that the colors it
- > produces are independent of the input image. Thus, it is likely
- > to work better with primary colors of the sort used in plots.
- > Rather than, say, the colors used in images.

Indeed, it depends on your application. If you are working with plots, David's suggestion no doubt produces better results. However for my applications (images), the statistical method seems to work better. I've created a couple of test images if anyone is interested. If they seem dark, you may wish to view them in an application which allows gamma correction.

`ftp://origin.ssec.wisc.edu/pub/gumley/test1.gif`
was created with
`image = color_quan(image, 1, r, g, b, colors=256)`

`ftp://origin.ssec.wisc.edu/pub/gumley/test2.gif`
was created with
`image = color_quan(image, 1, r, g, b, cube=6)`
Note the speckle on the cloud feature to the right of the white box. The speckle is more apparent when gamma is adjusted to give a pleasing image brightness.

Cheers,
Liam.

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