
Subject: Re: ION_IMAGE 8bit/24bit color
Posted by [David Fanning](#) on Wed, 11 Jun 2003 13:41:08 GMT
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Dan Dye writes:

> Thanks David. I did glean from TVImage the "Color_Quan" function.
>
> -----< snip >-----
> The COLOR_QUAN function quantizes a TrueColor image and returns a
> pseudo-color image and palette to display the image on standard
> pseudo-color displays. The output image and palette can have from 2 to
> 256 colors.
>
> COLOR_QUAN solves the general problem of accurately displaying
> decomposed, TrueColor images, that contain a palette of up to 224
> colors, on pseudo-color displays that can only display 256 (or fewer)
> simultaneous colors.
> -----< snip >-----
>
> tv, Color_Quan(picC,1,R,G,B,COLORS=255)
>
> This would seem to be the trick but the result looks poor compared to
> the truecolor image....

Well, in IDL (as in life) it is hard to have your
cake and eat it too.

Cheers,

David

P.S. Let's just say if your image has 16.7 million colors and
you have to pick 224 to display it, compromises will have to
be made. :-(

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