Subject: Re: color value interpolation from colorbar
Posted by pgrigis on Thu, 04 Dec 2008 21:35:42 GMT
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So your first step is to "digitize" the color bar:

Create 3 arrays of r,g,b with the colors as a function of pixel size
and an array x of the pixel index number.

Then, show us a plot of r(x), g(x), b(x)

Ciao,
Paolo

j.coenia@gmail.com wrote:
> Thanks. The red-to-yellow colorbar is already on the image -- I don't
> create it. The map of gradient values to the 3D colorspace would have
> to be determined from this colorbar, which also has errors in it
> (garbage in, as Dr. Fanning says.) I suppose this would be an
> irregular grid of gradient values within the 3D colorspace.
>
> Basically, there's a color-coded image with a colorbar *on* the
> image. The colors, even those in the bar, often have errors because
> they were digitized from analog tape recordings. Still, it is
> possible to eyeball the images to determine color levels. I want the
> computer to do something more quantitative than the eyeball analysis.