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Subject: Re: NG Colorbar scaling

Posted by [Matt Haffner](#) on Thu, 23 Sep 2010 19:08:05 GMT

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Caveat: I've not used that NG function much yet... I would bet that even if you use TARGET to link to a PLOT(), it may not map your VERT\_COLORS to the colorbar since the mapping between real data value and color is completely arbitrary.

However, you can create your own ticks with values using the TICK\* keywords though. Have you tried that yet? Tacking on to the example in the help guide for COLORBAR, I did this:

```
IDL> c.major = 3
IDL> c.tickname = string([0, 0.5, 1])
```

to change the number and labels of the colorbar.

mh

On Sep 23, 1:22 pm, David Grier <david.gr...@nyu.edu> wrote:

```
> I want to add a colorbar to a plot created with the new object graphics
> system. I've colored the plot symbols individually using the
> vert_colors keyword to the plot function. Now I want to add a colorbar
> that explains what the plot symbols' colors mean. When I add the
> colorbar to the plot, it shows the right color table (yay), but its axis
> is labeled with a range of values that I do not understand.
>
> Is there some easy way to control the range of values on the axis of the
> colorbar object?
>
> Say, for instance, I want the values on the axis of the colorbar to
> range from 0 to 1 regardless of the actual values (or colors) of the
> plot symbols. How do I do that?
>
> I've tried setting the [xyz]range keywords in the colorbar function, but
> with no luck.
>
> Many thanks,
>
> David
```