
Subject: about color table

Posted by [Hu](#) on Thu, 18 Jun 2009 21:40:51 GMT

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Hi, folks

I want to do something like this: I got an 2-D array with values range from 0.0 to 1.0. and I want to display the array using different colors. for example, if the value is greater than 0.8, the elements will be displayed as red, if the values is between 0.5 and 0.8, the color will be blue, and the relationship can be listed as follows:

> 0.8	red
0.5-0.8	blue
0.3-0.5	yellow
0.2-0.3	green
<0.2	white

I know I need to set up a color table, and the book 'IDL Programming techniques' demonstrate how to set up a color table, and I set up the table including those above colors.

The question is , How can I set up the relationship between the color table and the different ranges? I mean how to 'tell' the computer display the array using this relationship?

Thanks
