
Subject: Using VERT_COLORS=RGBA in PLOT()?
Posted by [dg86](#) on Tue, 13 May 2014 16:27:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear Folks,

I am trying to create a scatter plot in IDL 8.3 (MacOS)
whose symbols have different colors and alpha values.

The documentation for plot() suggests that I should be able to pass a 4 x NPTS array of
RGBA values to the VERT_COLORS property of plot(), where NPTS is the number of points in
my data set. When I try this, IDL complains:

% PLOT: Array subscript for PALETTE must have same size as source expression.

Here's a minimal example:

```
npts = 10  
a = findgen(2,npts)  
rgb = bytarr(3,npts)  
p1 = plot(a, vert_colors=rgb) ; works  
p2 = plot(a, vert_colors=rgba) ; doesn't work
```

I'd be grateful for pointers on how to set the transparency of individual vertices
in a plot.

Many thanks,

David
