
Subject: help with transparent plot in version 8.2.2
Posted by [Teddy Allen](#) on Thu, 14 Mar 2013 03:42:42 GMT
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In the past I was able to easily save any line plot with a transparent background simply by saving the plot as:

```
plot.save,'transparent_plot.png',/TRANSPARENT
```

Unfortunately, this does not seem to work anymore if used with the plot function with the POSITION keyword. The following lines of code do not produce an expected transparent .png .

```
;;; GPCP2b is a 16,16,12 array  
;;; Lines below produce a 12 month annual rainfall time series for a 16x16 grid  
;;; in the Caribbean.
```

```
DIM=16.  
SC=1/DIM  
p = plot(GPCP2b[0,0,*],position=[0,0,SC,SC],$  
         yrange=[0,max(GPCP2b)], XSHOWTEXT=0,$  
         YSHOWTEXT=0, color='black',TRANSPARENCY=0)  
  
for i = 0,15 do begin  
  for j =0,15 do begin  
    p1=plot(GPCP2b[i,j,*],position=[SC*i,SC*j,SC*(i+1),SC*(j+1)] $,/current,  
            yrange=[0,max(GPCP2b)], XSHOWTEXT=0, YSHOWTEXT=0, color='black')  
  endfor  
endfor  
p1.save,'C:\datasets\testTRANS.png',/TRANSPARENT
```

I have tried various combinations of using BACKGROUND_COLOR and BACKGROUND_TRANSPARENCY in the plot commands, but nothing works.

This produces a transparent plot:

```
p = plot(GPCP2b[0,0,*],yrange=[0,max(GPCP2b)], XSHOWTEXT=0, YSHOWTEXT=0, $  
color='black')  
p.save,'C:\datasets\testTRANS.png',/TRANSPARENT
```

However, this DOES NOT:

```
p = plot(GPCP2b[0,0,*],position=[0,0,SC,SC],yrange=[0,max(GPCP2b)],$  
XSHOWTEXT=0,YSHOWTEXT=0,color='black')  
p.save,'C:\datasets\testTRANS.png',/TRANSPARENT
```

Any tips would be greatly appreciated. Thank you.

teddy
