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Subject: Vertical text alignment in postscript  
Posted by [Andy Heaps](#) on Tue, 17 Jul 2007 09:59:58 GMT  
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I'm trying to align text vertically in postscript but have some extra space above where the text finishes. Using `!D.Y_CH_SIZE/2.0` as the mid-point means that the text is now not vertically aligned.

Has anyone an explanation/solution for this problem?  
Attached is a small program to show the problem.

Many thanks  
Andy

PRO II

```
SET_PLOT, 'ps'
DEVICE, FILE='ll.ps', XSIZE=8.27, YSIZE=11.69, $
    XOFFSET=0.5, YOFFSET=0.5, /INCHES, /COLOR
!P.COLOR=1
!P.FONT=0
!P.POSITION=[0.1,0.3,0.9,0.6]
r = [255,0]
g = [255,0]
b = [255,0]
TVLCT,r,g,b

mysize=6.0           ;Size of our text
ypix=!D.Y_CH_SIZE*mysize ;Height of text in pixels
xstart=1000         ;X start of plotting
xfinish=20000      ;X finish of plotting
ystart=5000        ;Y start of plotting

XYOUTS, xstart, ystart, CHARSIZE=mysize, 'Testing 123', /DEVICE
PLOTS, [xstart, xfinish], [ystart, ystart], /DEVICE ;Bottom of text
PLOTS, [xstart, xfinish], [ystart+ypix, ystart+ypix], /DEVICE ;Top of text

DEVICE, /CLOSE

END
```