

How can I change the font size in ggplot2?

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"GGplot2 is a popular data visualization package in R that allows users to create customizable and visually appealing graphs. One of the key features of ggplot2 is the ability to change the font size in the plots. This can be achieved by using the 'theme' function and specifying the desired font size for elements such as axis labels, titles, and legends. This functionality provides users with the flexibility to adjust the font size according to their preferences and enhance the overall appearance of their graphs."

The Complete Guide: Change Font Size in ggplot2

You can use the following syntax to change the font size of various elements in ggplot2:

`p + theme(text=element_text(size=20), #change font size of all text`

`axis.text=element_text(size=20), #change font size of axis text`

`axis.title=element_text(size=20), #change font size of axis titles`

`plot.title=element_text(size=20), #change font size of plot title`

`legend.text=element_text(size=20), #change font size of legend text`

`legend.title=element_text(size=20)) #change font size of legend title`

The following examples show how to use this syntax with the following scatterplot in ggplot2:

```
library(ggplot2)
```

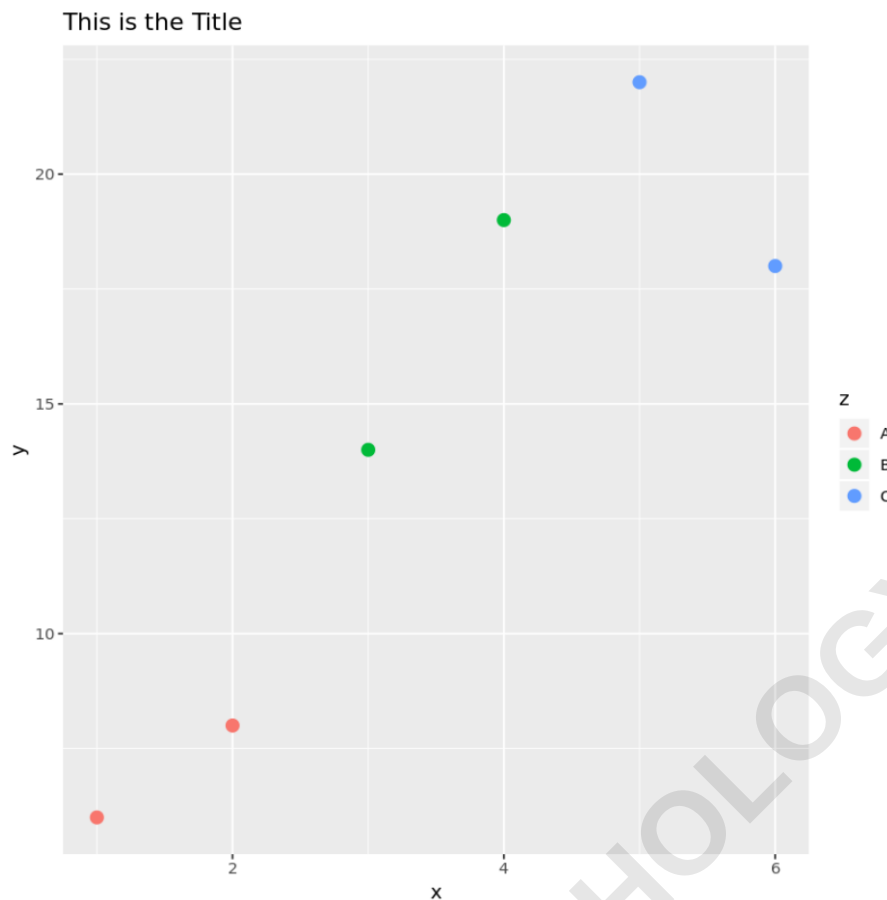
```
#create data frame
```

```
df <- data.frame(x=c(1, 2, 3, 4, 5, 6),  
y=c(6, 8, 14, 19, 22, 18),  
z=c('A', 'A', 'B', 'B', 'C', 'C'))
```

```
#create scatterplot
```

```
p <- ggplot(df, aes(x=x, y=y, color=z)) +  
geom_point(size=3) +  
ggtitle("This is the Title")
```

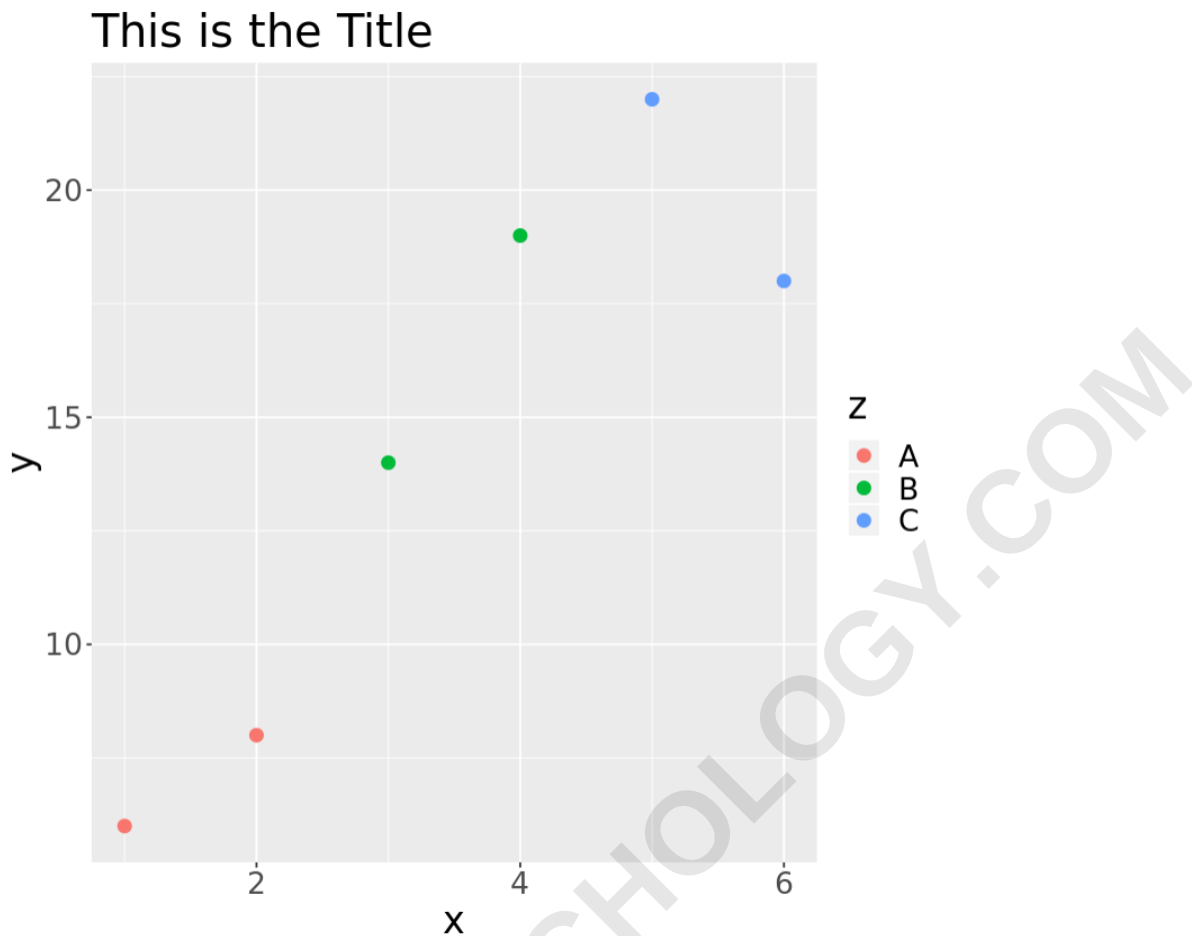
```
p
```



Example 1: Change Font Size of All Text

The following code shows how to change the font size of all text elements in the plot:

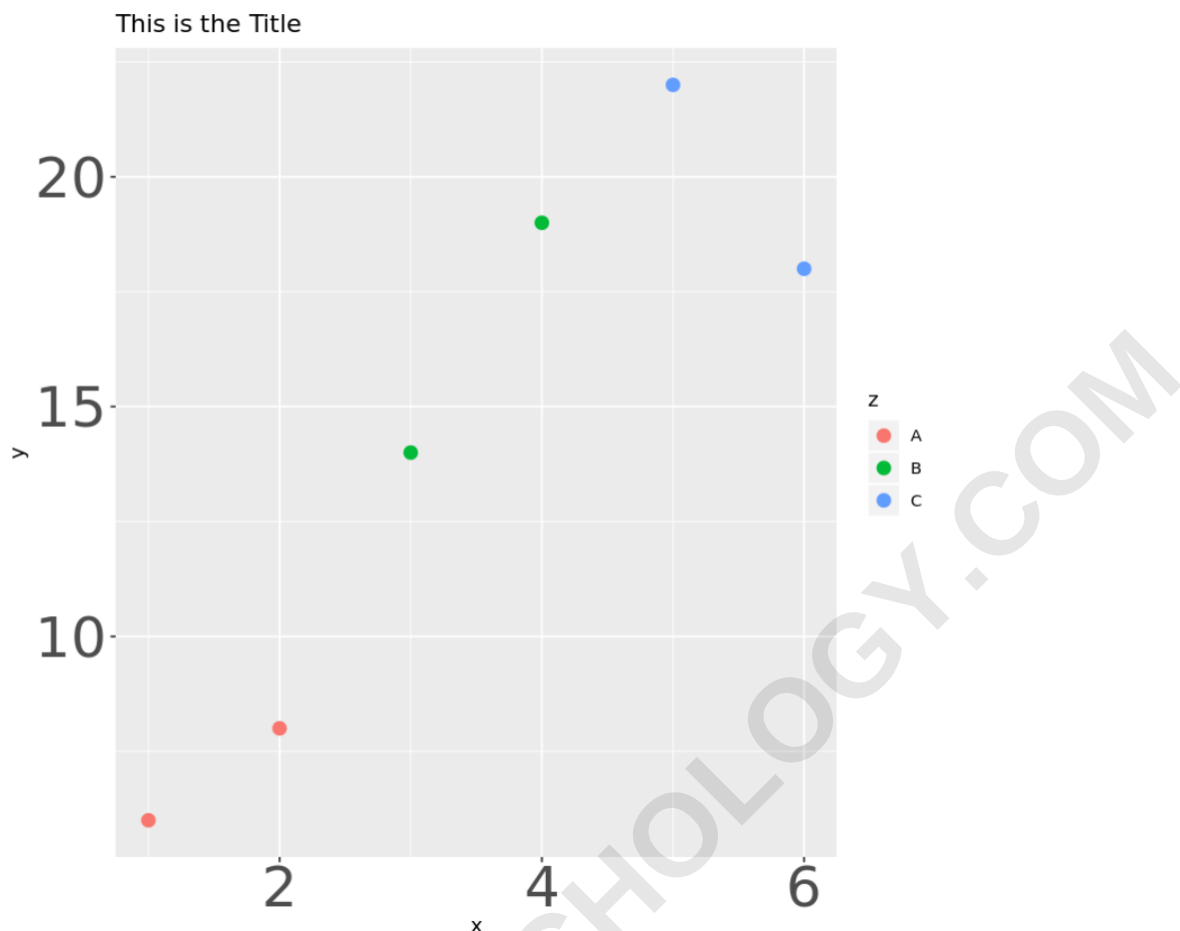
```
p + theme(text=element_text(size=20))
```



Example 2: Change Font Size of Axis Text

The following code shows how to change the font size of just the axis text:

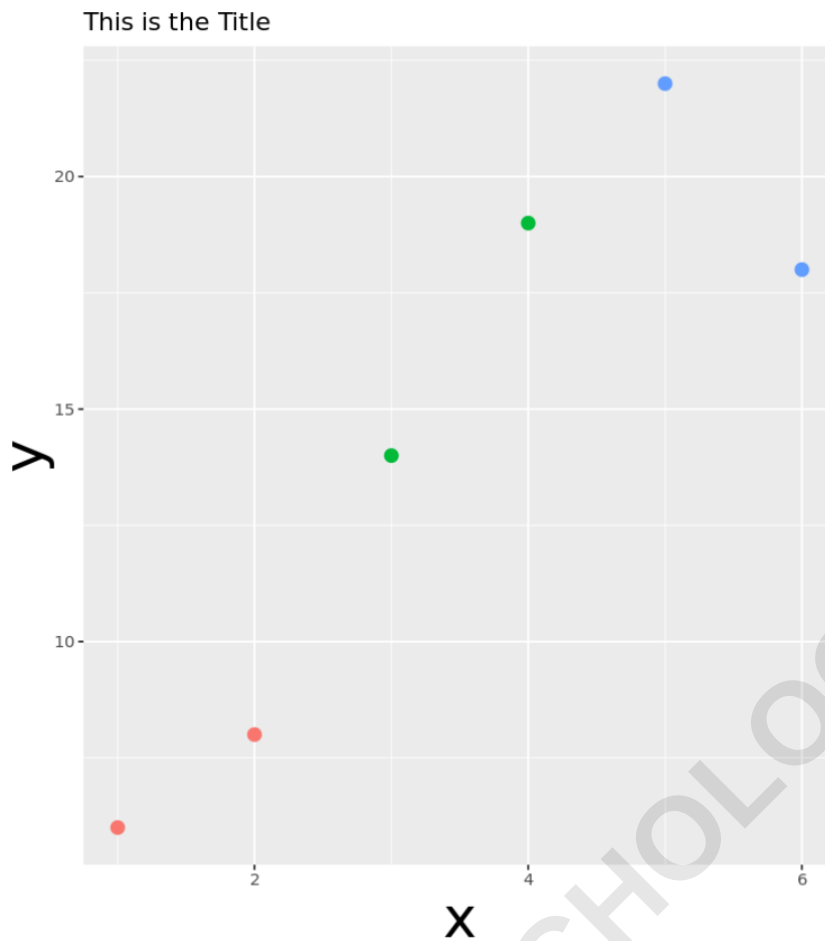
```
p + theme(axis.text=element_text(size=30))
```



Example 3: Change Font Size of Axis Titles

The following code shows how to change the font size of just the axis titles:

```
p + theme(axis.title=element_text(size=30))
```

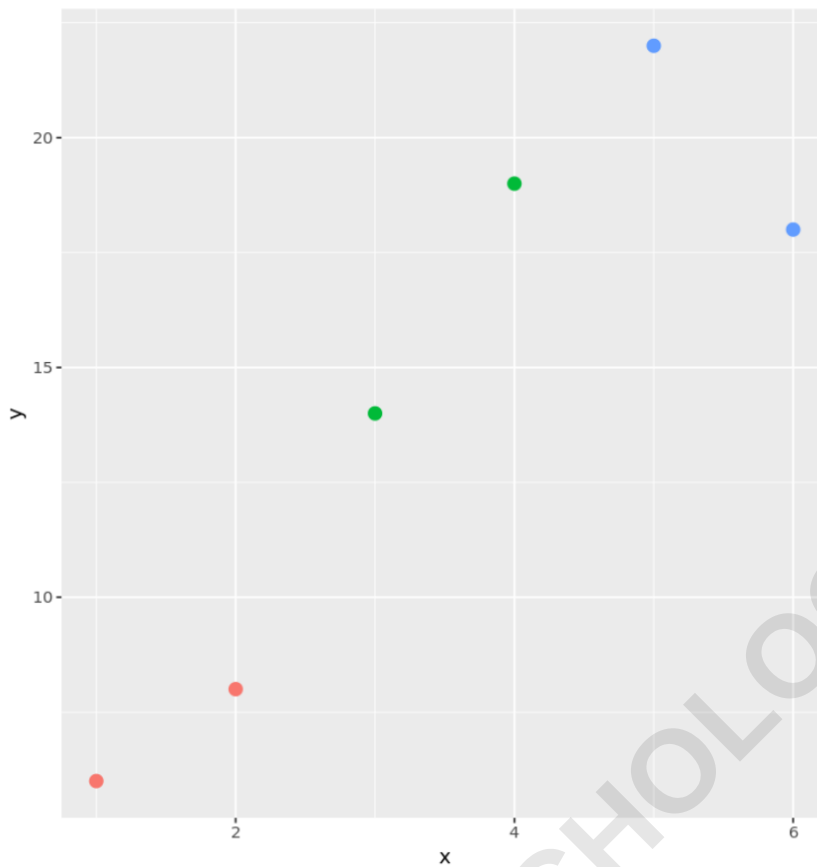


Example 4: Change Font Size of Plot Title

The following code shows how to change the font size of just the plot title:

```
p + theme(plot.title=element_text(size=30))
```

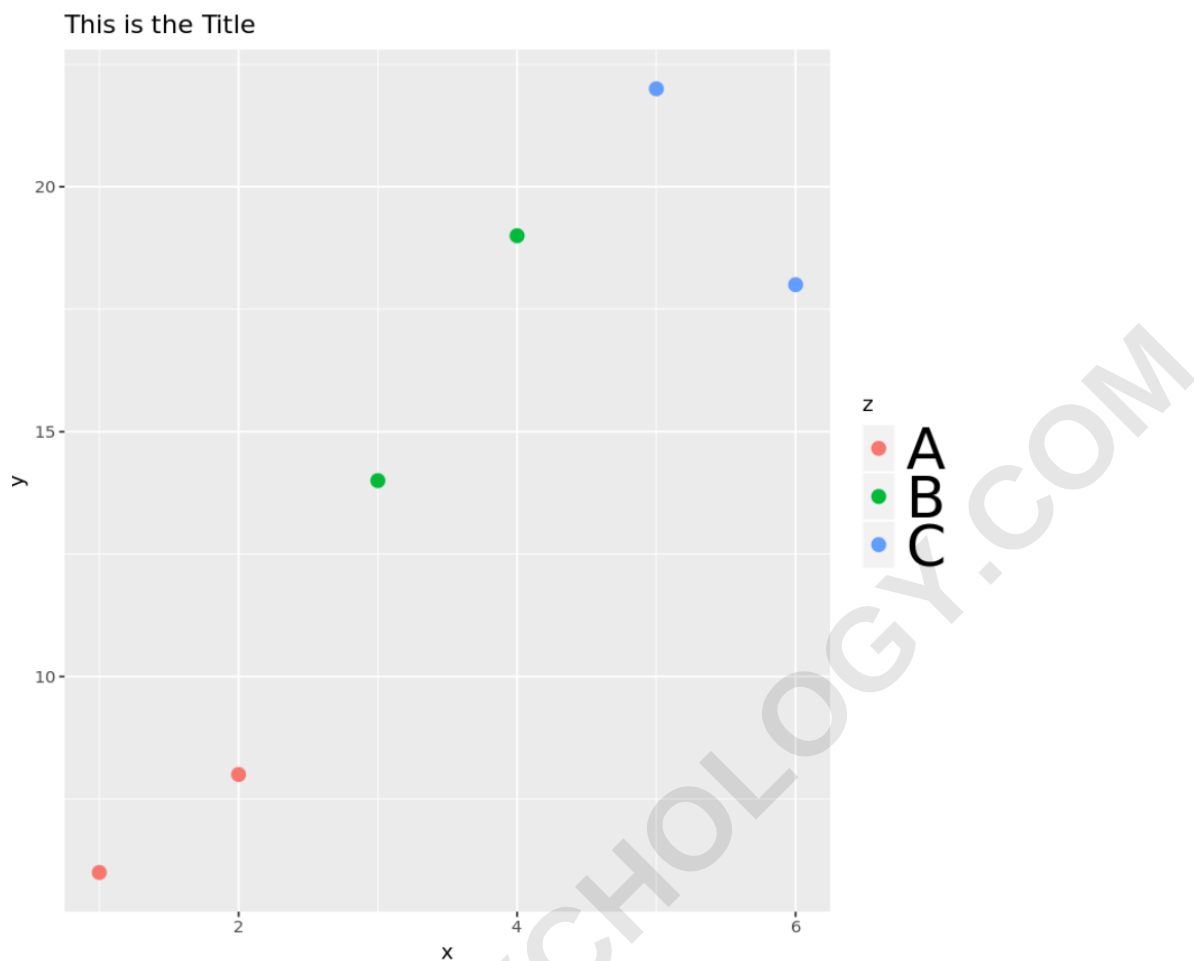
This is the Title



Example 5: Change Font Size of Legend Text

The following code shows how to change the font size of just the legend text:

```
p + theme(legend.text=element_text(size=30))
```



Example 6: Change Font Size of Legend Title

The following code shows how to change the font size of just the legend title:

```
p + theme(legend.title=element_text(size=30))
```

