

Functions in aes()

```
ggplot(mpg, aes(displ, log(hwy), color=class)) +  
  geom_point()
```



```
ggplot(mpg, aes(displ, mean(hwy), color=class)) +  
  geom_point()
```

```
[ 1 ] 3.367296 3.367296 3.433987 3.401197 3.258097 3.258097 3.295837 3.258097 3.218876 3.332205 3.295837
[ 12 ] 3.218876 3.218876 3.218876 3.218876 3.178054 3.218876 3.135494 2.995732 2.708050 2.995732 2.833213
[ 23 ] 2.833213 3.258097 3.135494 3.258097 3.218876 3.178054 2.944439 2.639057 2.708050 2.833213 3.295837
[ 34 ] 3.401197 3.258097 3.367296 3.258097 3.178054 3.178054 3.091042 3.091042 3.178054 3.178054 2.833213
...
```

[1] 23.44017



Functions in aes()



```
ggplot(mpg, aes(displ, log(hwy), color=class)) +  
  geom_point()
```

```
[1] 3.367296 3.367296 3.433987 3.401197 3.258097 3.258097 3.295837 3.258097 3.218876 3.332205 3.295837  
[12] 3.218876 3.218876 3.218876 3.218876 3.178054 3.218876 3.135494 2.995732 2.708050 2.995732 2.833213  
[23] 2.833213 3.258097 3.135494 3.258097 3.218876 3.178054 2.944439 2.639057 2.708050 2.833213 3.295837  
[34] 3.401197 3.258097 3.367296 3.258097 3.178054 3.178054 3.091042 3.091042 3.178054 3.178054 2.833213  
...
```

```
ggplot(mpg, aes(displ, man(hwy), color=class)) +  
  geom_point()
```

```
[1] 3.367296
```

