

Converting Colors

XYZ(18.2128, 17.7688, 29.0047)

Have a look what the booklet for
XYZ(18.2128, 17.7688, 29.0047)
contains.

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Color

**XYZ(18.1216, 17.6931,
28.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	737290
RGB	115, 114, 144
RGB Percent	45%, 45%, 56%
CMY	0.5490, 0.5529, 0.4353
CMYK	0.20, 0.21, 0.00, 0.44
HSL	242°, 12%, 51%
HSV	242°, 21%, 56%
XYZ	18.1216, 17.6931, 28.8456
YIQ	117.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

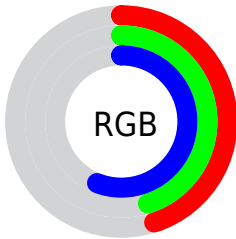
Format	Color
R_{YB}	115, 114, 144
Decimal	7565968
CIE Lab	49.12, 7.08, -16.17
CIE LCh	49, 17.654, 293.643
Yxy	17.6931, 0.2803, 0.2736
Android (android.graphics.Color)	4285756048 (0xFF737290)
YUV	117.7190, 12.9565, -2.3846
Hunter-Lab	42.0632, 3.2906, -11.2150

Details

The XYZ color **18.1216, 17.6931, 28.8456** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.3388, 27.0016, 19.8494**, and the grayscale version is **17.0954, 17.9857, 19.5864**.

A 20% lighter version of the original color is **39.7656, 39.5651, 58.9670**, and **6.2154, 5.8628, 11.3937** is the 20% darker color. If you saturate the color by 10%, you get **14.9292, 13.8233, 28.2672**, and if you desaturate by 10%, it is **21.8474, 22.2183, 29.5230**.

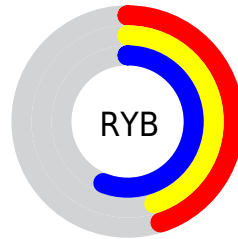
Distribution



Red (45%)

Green (45%)

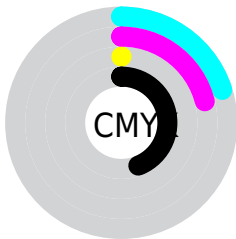
Blue (56%)



Red (45%)

Yellow (45%)

Blue (56%)

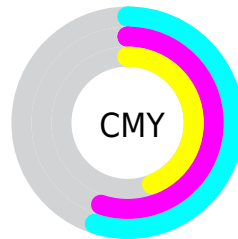


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1216, 17.6931, 28.8456 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.1216, 17.6931, 28.8456 by changing the saturation by 10% instead.

■ 18.1216, 17.6931,
28.8456

■ 18.1216, 17.6931,
28.8456

234.5879,
239.1355, 310.5239

■ 11.1375, 10.7299,
18.7195

■ 39.7729, 39.5137,
58.8709

■ 6.2274, 5.8855,
11.2930

■ 55.1708, 55.1398,
79.6072

■ 3.0258, 2.7756,
6.1476

■ 74.1041, 74.4224,
104.7173

■ 1.1674, 1.0157,
2.8648

■ 96.9380, 97.7458,
134.6198

■ 0.0804, 0.0000,
1.0260

124.0380,
125.4944, 169.7331

■ 0.0000, 0.0000,
0.0000

155.7695,

158.0526, 210.4759

192.4976,
195.8048, 257.2666

■ 18.1216, 17.6931,
28.8456

■ 18.1216, 17.6931,
28.8456

■ 14.9292, 13.8233,
28.2672

■ 21.8474, 22.2183,
29.5230

■ 12.2440, 10.5765,
27.7820

■ 26.1275, 27.4250,
30.3024

■ 10.0407, 7.9209,
27.3856

■ 30.9839, 33.3406,
31.1882

■ 8.2905, 5.8207,
27.0725

■ 36.4370, 39.9903,
32.1844

■ 6.9620, 4.2367,
26.8367

■ 42.5060, 47.3979,
33.2943

■ 6.0196, 3.1242,
26.6717

■ 49.2093, 55.5865,
34.5215

■ 5.4219, 2.4311,
26.5694

■ 56.5645, 64.5778,
35.8694

■ 5.0941, 2.0446,
26.5120

■ 64.5888, 74.3929,
37.3410

■ 73.2983, 85.0521,
38.9394

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.4679, 17.6931, 29.7807



18.1216, 17.6931, 28.8456



19.5037, 17.6931, 25.1694

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.1216, 17.6931, 28.8456



18.7687, 17.6931, 12.8341



13.8563, 17.6931, 18.2761

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.1216, 17.6931, 28.8456



24.3388, 27.0016, 19.8494

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.3887, 17.6931, 14.3644



18.1216, 17.6931, 28.8456



17.1705, 17.6931, 11.5713

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.1216, 17.6931, 28.8456



19.8940, 17.6931, 15.8455



15.5761, 17.6931, 12.0819



14.0744, 17.6931, 23.1437

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.1216, 17.6931, 28.8456



20.0487, 17.6931, 21.9388



15.5761, 17.6931, 12.0819



13.9523, 17.6931, 16.8173

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.1222, 17.6938, 28.8460



41.9637, 43.3590, 52.6954



21.8717, 25.3869, 30.1333



9.5262, 9.8252, 12.0666



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1222, 17.6938, 28.8460



29.2125, 27.8716, 50.3781



20.1814, 18.7554, 28.9424



5.1452, 5.2630, 6.7734



4.4401, 1.7825, 23.0871



0.0451, 0.0184, 0.2209

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.4774, 19.9478, 28.6530



38.3225, 32.5869, 49.9482



21.9886, 25.7899, 19.7394



5.6186, 5.5080, 6.7556



14.0889, 6.7926, 21.9170



0.1363, 0.0656, 0.2178

Previews

White Background



This preview shows how the XYZ color 18.1216, 17.6931, 28.8456 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1216, 17.6931, 28.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1216, 17.6931, 28.8456

Background



This preview shows how black text looks on a background with the XYZ color 18.1216, 17.6931, 28.8456.



This preview shows how white text looks on a background with the XYZ color 18.1216, 17.6931,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.1216, 17.6931, 28.8456

Protanopia

17.7866, 17.8501, 29.2960

Deuteranopia

17.9908, 17.6257, 28.8394



Tritanopia

16.8093, 17.6737, 22.2641

Trichromacy



Original Color

18.1216, 17.6931, 28.8456

Protanomaly

17.9237, 17.7505, 29.2696

Deuteranomaly

17.9908, 17.6257, 28.8394

Tritanomaly

17.2891, 17.6949, 24.6945

Monochromacy



Original Color

18.1216, 17.6931, 28.8456

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5282, 18.0368, 22.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1216, 17.6931, 28.8456 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(115, 114, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 114, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.1216, 17.6931, 28.8456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 114, 144) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 114, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(115, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(115, 114,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1216, 17.6931, 28.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 114, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115,  
114, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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