

Converting Colors

XYZ(17.9794, 18.8784, 15.7136)

Have a look what the booklet for
XYZ(17.9794, 18.8784, 15.7136)
contains.

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Color

**XYZ(18.1172, 19.0216,
15.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	807868
RGB	128, 120, 104
RGB Percent	50%, 47%, 41%
CMY	0.4980, 0.5294, 0.5922
CMYK	0.00, 0.06, 0.19, 0.50
HSL	40°, 10%, 45%
HSV	40°, 19%, 50%
XYZ	18.1172, 19.0216, 15.8134
YIQ	120.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

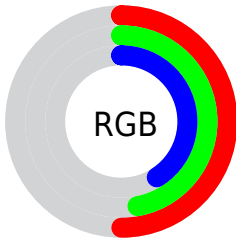
Format	Color
R_{YB}	116, 128, 104
Decimal	8419432
CIE Lab	50.71, 0.20, 9.89
CIE LCh	51, 9.896, 88.842
Yxy	19.0216, 0.3421, 0.3592
Android (android.graphics.Color)	4286609512 (0xFF807868)
YUV	120.5680, -8.1680, 6.5179
Hunter-Lab	43.6138, -2.1750, 9.0324

Details

The XYZ color **18.1172, 19.0216, 15.8134** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3993, 16.0895, 22.7160**, and the grayscale version is **18.0583, 18.9988, 20.6897**.

A 20% lighter version of the original color is **39.7250, 41.6954, 36.9646**, and **6.2803, 6.5924, 4.8123** is the 20% darker color. If you saturate the color by 10%, you get **17.0144, 17.7785, 12.4779**, and if you desaturate by 10%, it is **19.3426, 20.3516, 19.6772**.

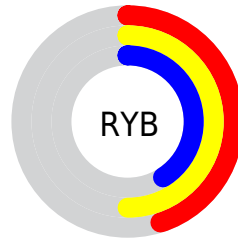
Distribution



Red (50%)

Green (47%)

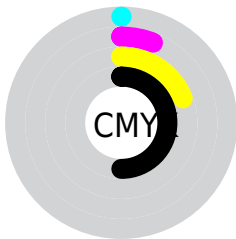
Blue (41%)



Red (45%)

Yellow (50%)

Blue (41%)

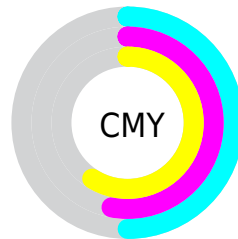


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1172, 19.0216, 15.8134 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 18.1172, 19.0216, 15.8134 by changing the saturation by 10% instead.

■ 18.1172, 19.0216,
15.8134

■ 18.1172, 19.0216,
15.8134

234.5636,
246.5680, 240.0461

■ 11.1344, 11.6859,
9.2393

■ 39.7654, 41.7706,
37.0362

■ 6.2252, 6.5302,
4.7986

■ 55.1616, 57.9527,
52.5220

■ 3.0245, 3.1701,
2.0729

■ 74.0928, 77.8523,
71.8154

■ 1.1667, 1.2211,
0.5996

■ 96.9246, 101.8539,
95.3351

■ 0.0798, 0.0789,
0.0000

124.0222,
130.3419, 123.4994

■ 0.0000, 0.0000,
0.0000

155.7510,

163.7006, 156.7270

192.4764,
202.3145, 195.4364

■ 18.1172, 19.0216,
15.8134

■ 18.1172, 19.0216,
15.8134

■ 17.0144, 17.7785,
12.4779

■ 19.3426, 20.3516,
19.6772

■ 16.0279, 16.6175,
9.6461

■ 20.6936, 21.7681,
24.0900

■ 15.1532, 15.5367,
7.2930

■ 22.1747, 23.2742,
29.0730

■ 14.3847, 14.5336,
5.3913

■ 23.7901, 24.8719,
34.6459

■ 13.7165, 13.6052,
3.9107

■ 25.5435, 26.5632,
40.8273

■ 13.1418, 12.7483,
2.8172

■ 27.4385, 28.3499,
47.6351

■ 12.6528, 11.9593,
2.0714

■ 29.4787, 30.2340,
55.0864

■ 12.2293, 11.2296,
1.5690

■ 31.6675, 32.2170,
63.1978

■ 12.1782, 11.1414,
1.5086

■ 34.0080, 34.3008,
71.9850

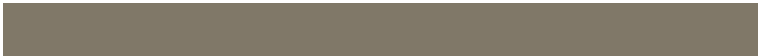
Harmonies

Analogous

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



19.0625, 19.0216, 16.4654



18.1172, 19.0216, 15.8134



17.1939, 19.0216, 16.3729

Triad

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



18.1172, 19.0216, 15.8134



16.4933, 19.0216, 23.3985



19.7242, 19.0216, 23.6020

Complementary

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



18.1172, 19.0216, 15.8134



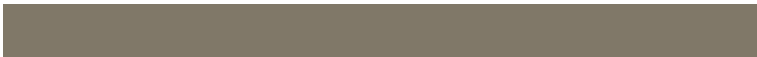
15.3993, 16.0895, 22.7160

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.



18.9949, 19.0216, 25.7554



18.1172, 19.0216, 15.8134



17.1308, 19.0216, 25.6307

Square

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



18.1172, 19.0216, 15.8134



16.2768, 19.0216, 20.6035



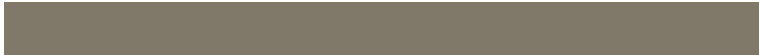
18.0418, 19.0216, 26.5286



20.0105, 19.0216, 20.8195

Rectangle

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



18.1172, 19.0216, 15.8134



16.7103, 19.0216, 17.3887



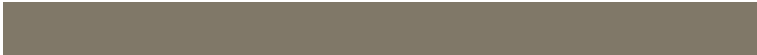
18.0418, 19.0216, 26.5286



19.5215, 19.0216, 24.4323

Sweetspot

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



18.1177, 19.0224, 15.8138



34.6551, 36.4683, 36.5786



16.7772, 15.6599, 17.4679



8.0855, 8.5084, 8.4727



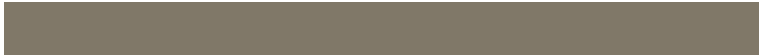
62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.1177, 19.0224, 15.8138



31.1446, 32.6518, 25.5293



18.5301, 20.7229, 16.1203



4.5484, 4.7855, 4.6041



12.0768, 11.0501, 1.4964



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3993, 16.0895, 22.7160



25.5458, 26.6119, 39.7465



15.0312, 14.6476, 22.4571



4.2169, 4.4277, 5.4457



4.7087, 3.2358, 20.6264



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1172, 19.0216, 15.8134 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1172, 19.0216, 15.8134 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 18.1172, 19.0216, 15.8134

Background



This preview shows how black text looks on a background with the XYZ color 18.1172, 19.0216, 15.8134.



This preview shows how white text looks on a background with the XYZ color 18.1172, 19.0216,

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

18.1172, 19.0216, 15.8134

Protanopia

17.9676, 18.9444, 15.8064

Deuteranopia

19.2764, 18.9140, 15.9994



Tritanopia

19.4873, 19.0542, 22.3894

Trichromacy



Original Color

18.1172, 19.0216, 15.8134

Protanomaly

17.9676, 18.9444, 15.8064

Deuteranomaly

18.7426, 18.8108, 16.0076

Tritanomaly

18.9544, 19.0107, 19.8100

Monochromacy



Original Color

18.1172, 19.0216, 15.8134

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2441, 19.1976, 18.9636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1172, 19.0216, 15.8134 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(128, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(128, 120, 104)  
}
```

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(128, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 120, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.1172, 19.0216, 15.8134 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(128, 120, 104) }
```


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

```
.border{ border-color:rgb(128, 120, 104) }
```

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

Here you see how a box with a 4 pixel rgb(128, 120, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(128, 120,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1172, 19.0216, 15.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 120, 104) }
```

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

```
.background{ background-color: rgb(128,  
120, 104) }
```

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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