

Converting Colors

XYZ(17.1272, 18.0665, 18.9316)

Have a look what the booklet for
XYZ(17.1272, 18.0665, 18.9316)
contains.

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Color

**XYZ(17.1807, 18.1166,
18.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	777673
RGB	119, 118, 115
RGB Percent	47%, 46%, 45%
CMY	0.5333, 0.5372, 0.5490
CMYK	0.00, 0.01, 0.03, 0.53
HSL	45°, 2%, 46%
HSV	45°, 3%, 47%
XYZ	17.1807, 18.1166, 18.8110
YIQ	117.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

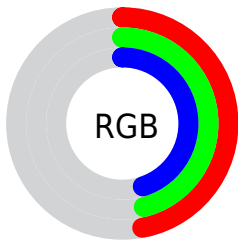
Format	Color
R_{YB}	116, 119, 115
Decimal	7829107
CIE Lab	49.64, -0.21, 1.78
CIE LCh	50, 1.790, 96.785
Yxy	18.1166, 0.3175, 0.3348
Android (android.graphics.Color)	4286019187 (0xFF777673)
YUV	117.9570, -1.4578, 0.9147
Hunter-Lab	42.5636, -2.4352, 3.5913

Details

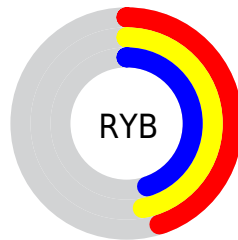
The XYZ color **17.1807, 18.1166, 18.8110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6454, 17.4673, 19.9472**, and the grayscale version is **17.2109, 18.1072, 19.7188**.

A 20% lighter version of the original color is **38.1444, 40.1974, 42.3077**, and **5.8018, 6.1252, 6.1867** is the 20% darker color. If you saturate the color by 10%, you get **16.1957, 17.1726, 15.3195**, and if you desaturate by 10%, it is **18.2661, 19.1196, 22.7726**.

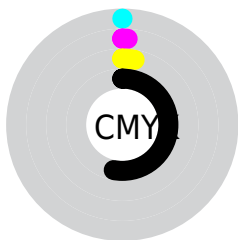
Distribution



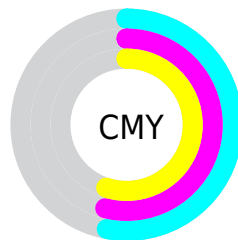
- Red (47%)
- Green (46%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1807, 18.1166, 18.8110 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 17.1807, 18.1166, 18.8110 by changing the saturation by 10% instead.

■ 17.1807, 18.1166,
18.8110

■ 17.1807, 18.1166,
18.8110

229.3476,
241.5274, 257.7912

■ 10.4595, 11.0337,
11.3584

■ 38.1773, 40.2359,
42.2469

■ 5.7693, 6.0895,
6.1912

■ 53.1835, 56.0411,
59.0673

■ 2.7446, 2.8996,
2.8910

■ 71.6820, 75.5226,
79.8473

■ 1.0202, 1.0795,
1.0393

■ 94.0382, 99.0647,
105.0055

■ 0.0000, 0.0000,
0.0000

120.6176,
127.0519, 134.9605

151.7853,

159.8684, 170.1308

187.9069,
197.8988, 210.9348

■ 17.1807, 18.1166,
18.8110

■ 17.1807, 18.1166,
18.8110

■ 16.1957, 17.1726,
15.3195

■ 18.2661, 19.1196,
22.7726

■ 15.3063, 16.2836,
12.2793

■ 19.4537, 20.1807,
27.2199

■ 14.5091, 15.4488,
9.6719

■ 20.7472, 21.3020,
32.1693

■ 13.8003, 14.6665,
7.4770

■ 22.1495, 22.4849,
37.6359

■ 13.1756, 13.9348,
5.6729

■ 23.6634, 23.7307,
43.6344

■ 12.6304, 13.2517,
4.2358

■ 25.2918, 25.0407,
50.1788

■ 12.1597, 12.6150,
3.1393

■ 27.0372, 26.4160,
57.2824

■ 11.7576, 12.0222,
2.3534

■ 28.9022, 27.8579,
64.9583

■ 11.4165, 11.4701,
1.8391

■ 30.8893, 29.3673,
73.2191

Harmonies

Analogous

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



17.3484, 18.1166, 18.8781



17.1807, 18.1166, 18.8110



17.0243, 18.1166, 18.9857

Triad

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



17.1807, 18.1166, 18.8110



16.9589, 18.1166, 20.2917



17.5214, 18.1166, 20.0971

Complementary

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



17.1807, 18.1166, 18.8110



16.6454, 17.4673, 19.9472

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.



17.4157, 18.1166, 20.4850



17.1807, 18.1166, 18.8110



17.0908, 18.1166, 20.5987

Square

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



17.1807, 18.1166, 18.8110



16.8968, 18.1166, 19.8367



17.2579, 18.1166, 20.6700



17.5459, 18.1166, 19.6155

Rectangle

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



17.1807, 18.1166, 18.8110



16.9473, 18.1166, 19.2176



17.2579, 18.1166, 20.6700



17.4942, 18.1166, 20.2431

Sweetspot

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



17.1812, 18.1174, 18.8114



31.2040, 32.8526, 35.2660



16.8911, 17.4447, 19.0002



7.3985, 7.7889, 8.3701



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.1812, 18.1174, 18.8114



30.6297, 32.3140, 33.1941



17.1628, 18.2833, 18.8444



3.9988, 4.2198, 4.3090



11.8982, 11.7976, 1.6501



57.2770, 56.0825, 7.8062

Inverse Universe

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



16.6454, 17.4673, 19.9472



29.4644, 30.9002, 35.6645



16.6632, 17.3067, 19.9153



3.8315, 4.0169, 4.6636



4.0156, 2.3710, 18.7886



18.9810, 10.3787, 91.3632

Previews

White Background



This preview shows how the XYZ color 17.1807, 18.1166, 18.8110 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 17.1807, 18.1166, 18.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

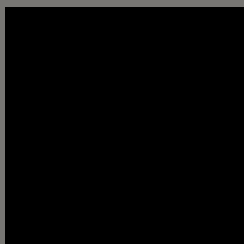
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

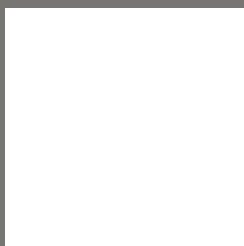
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1807, 18.1166, 18.8110

Background



This preview shows how black text looks on a background with the XYZ color 17.1807, 18.1166, 18.8110.



This preview shows how white text looks on a background with the XYZ color 17.1807, 18.1166,

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

17.1807, 18.1166, 18.8110

Protanopia

17.3410, 18.0253, 18.7849

Deuteranopia

18.3756, 18.0414, 19.0368



Tritanopia

17.8964, 18.0621, 22.2818

Trichromacy



Original Color

17.1807, 18.1166, 18.8110

Protanomaly

17.2015, 17.9535, 18.7784

Deuteranomaly

17.8873, 17.9580, 19.0465

Tritanomaly

17.6199, 18.1208, 20.9813

Monochromacy



Original Color

17.1807, 18.1166, 18.8110

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1605, 18.0928, 19.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1807, 18.1166, 18.8110 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(119, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(119, 118, 115)  
}
```

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(119, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 118, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.1807, 18.1166, 18.8110 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(119, 118, 115) }
```


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

```
.border{ border-color:rgb(119, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(119, 118,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1807, 18.1166, 18.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 118, 115) }
```

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

```
.background{ background-color: rgb(119,  
118, 115) }
```

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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