

Converting Colors

XYZ(17.4609, 18.8880, 11.9609)

Have a look what the booklet for
XYZ(17.4609, 18.8880, 11.9609)
contains.

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Color

**XYZ(17.5009, 18.9685,
11.9714)**

Conversions

Conversions Part 1

Format	Color
Hex	807958
RGB	128, 121, 88
RGB Percent	50%, 47%, 35%
CMY	0.4980, 0.5255, 0.6549
CMYK	0.00, 0.05, 0.31, 0.50
HSL	50°, 19%, 42%
HSV	50°, 31%, 50%
XYZ	17.5009, 18.9685, 11.9714
YIQ	119.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

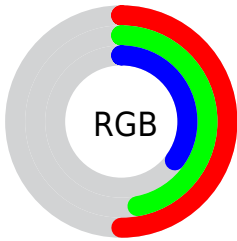
Format	Color
RYB	96, 128, 88
Decimal	8419672
CIELab	50.65, -2.83, 19.10
CIElCh	51, 19.310, 98.436
Yxy	18.9685, 0.3613, 0.3916
Android (android.graphics.Color)	4286609752 (0xFF807958)
YUV	119.3310, -15.4462, 7.6027
Hunter-Lab	43.5528, -4.4906, 14.1899

Details

The XYZ color **17.5009, 18.9685, 11.9714** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.0129, 11.8173, 22.0699**, and the grayscale version is **17.6841, 18.6050, 20.2609**.

A 20% lighter version of the original color is **38.5871, 41.5459, 30.0302**, and **5.9423, 6.5520, 3.1419** is the 20% darker color. If you saturate the color by 10%, you get **16.7478, 18.2376, 9.3303**, and if you desaturate by 10%, it is **18.3544, 19.7510, 15.1058**.

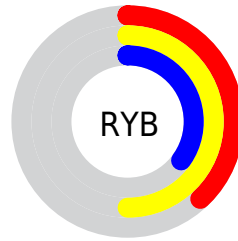
Distribution



Red (50%)

Green (47%)

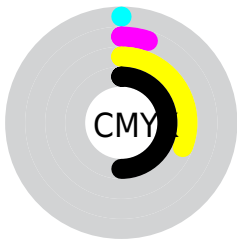
Blue (35%)



Red (38%)

Yellow (50%)

Blue (35%)

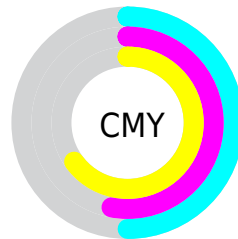


Cyan (0%)

Magenta (5%)

Yellow (31%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5009, 18.9685, 11.9714 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 17.5009, 18.9685, 11.9714 by changing the saturation by 10% instead.

■ 17.5009, 18.9685,
11.9714

■ 17.5009, 18.9685,
11.9714

231.1430,
246.2748, 215.1870

■ 10.6898, 11.6475,
6.6019

■ 38.7218, 41.6809,
30.1066

■ 5.9244, 6.5041,
3.1398

■ 53.8623, 57.8410,
43.7094

■ 2.8394, 3.1540,
1.1664

■ 72.5099, 77.7164,
60.8938

■ 1.0694, 1.2126,
0.0000

■ 95.0301, 101.6913,
82.0781

■ 0.0000, 0.0720,
0.0000

■ 121.7881,
130.1503, 107.6811

■ 0.0000, 0.0000,
0.0000

153.1494,

163.4775, 138.1212

189.4792,
202.0576, 173.8170

■ 17.5009, 18.9685,
11.9714

■ 17.5009, 18.9685,
11.9714

■ 16.7478, 18.2376,
9.3303

■ 18.3544, 19.7510,
15.1058

■ 16.0888, 17.5537,
7.1556

■ 19.3114, 20.5845,
18.7562

■ 15.5189, 16.9154,
5.4197

■ 20.3767, 21.4715,
22.9451

■ 15.0323, 16.3203,
4.0918

■ 21.5543, 22.4137,
27.6935

■ 14.6222, 15.7657,
3.1366

■ 22.8479, 23.4127,
33.0212

■ 14.2809, 15.2483,
2.5133

■ 24.2613, 24.4700,
38.9470

■ 14.0160, 14.8170,
2.1212

■ 25.7977, 25.5871,
45.4890

■ 27.4607, 26.7653,
52.6643

■ 29.2533, 28.0060,
60.4896

Harmonies

Analogous

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



19.3985, 18.9685, 12.4048



17.5009, 18.9685, 11.9714



15.8621, 18.9685, 13.5242

Triad

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



17.5009, 18.9685, 11.9714



15.3286, 18.9685, 27.8255



21.6258, 18.9685, 24.7215

Complementary

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



17.5009, 18.9685, 11.9714



12.0129, 11.8173, 22.0699

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.



20.3847, 18.9685, 29.9297



17.5009, 18.9685, 11.9714



16.7255, 18.9685, 31.9286

Square

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



17.5009, 18.9685, 11.9714



14.6666, 18.9685, 22.2189



18.5676, 18.9685, 32.7594



21.8696, 18.9685, 19.1634

Rectangle

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



17.5009, 18.9685, 11.9714



15.1054, 18.9685, 15.6687



18.5676, 18.9685, 32.7594



21.3074, 18.9685, 26.5970

Sweetspot

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



17.5014, 18.9694, 11.9718



34.3680, 36.5533, 34.4510



14.4727, 12.4012, 12.5372



7.9934, 8.5132, 7.8594



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.



17.5014, 18.9694, 11.9718



29.9188, 32.5382, 17.9131



16.5949, 19.8105, 12.1819



4.6034, 4.8955, 4.6224



13.8987, 14.6939, 2.1037



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0129, 11.8173, 22.0699



18.7660, 18.0082, 38.4431



12.7158, 11.2857, 21.9303



4.1650, 4.3240, 5.4284



4.1562, 2.1308, 20.4422



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5009, 18.9685, 11.9714 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 17.5009, 18.9685, 11.9714 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

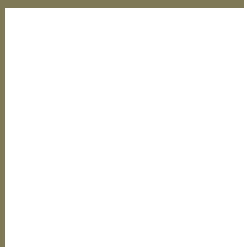
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5009, 18.9685, 11.9714

Background



This preview shows how black text looks on a background with the XYZ color 17.5009, 18.9685, 11.9714.



This preview shows how white text looks on a background with the XYZ color 17.5009, 18.9685,

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

17.5009, 18.9685, 11.9714

Protanopia

17.6838, 18.8833, 11.9453

Deuteranopia

19.2039, 18.9628, 12.0992



Tritanopia

19.4628, 18.8770, 22.0199

Trichromacy



Original Color

17.5009, 18.9685, 11.9714

Protanomaly

17.5312, 18.8046, 11.9382

Deuteranomaly

18.5981, 18.9965, 12.1377

Tritanomaly

18.7631, 18.9520, 17.9984

Monochromacy



Original Color

17.5009, 18.9685, 11.9714

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4493, 18.6532, 16.8681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5009, 18.9685, 11.9714 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, 121, 88)` looks like.

```
.text, #text, p{  
    color:rgb(128, 121, 88)  
}
```

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, 121, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 121, 88) }
```

Border

The CSS property to change the border of an element to XYZ 17.5009, 18.9685, 11.9714 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, 121, 88) }
```


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

```
.border{ border-color:rgb(128, 121, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 121, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 121, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 121, 88);  
box-shadow:4px 4px 4px 4px rgb(128, 121,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5009, 18.9685, 11.9714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 121, 88) }
```

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

```
.background{ background-color: rgb(128,  
121, 88) }
```

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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