

Converting Colors

XYZ(17.1525, 18.6803, 16.8102)

Have a look what the booklet for
XYZ(17.1525, 18.6803, 16.8102)
contains.

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Color

**XYZ(17.1519, 18.6794,
16.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	77796C
RGB	119, 121, 108
RGB Percent	47%, 47%, 42%
CMY	0.5333, 0.5255, 0.5765
CMYK	0.02, 0.00, 0.11, 0.53
HSL	69°, 6%, 45%
HSV	69°, 11%, 47%
XYZ	17.1519, 18.6794, 16.8888
YIQ	118.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

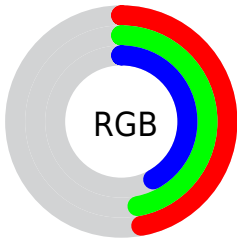
Format	Color
R_{YB}	108, 121, 110
Decimal	7829868
CIE _{Lab}	50.31, -3.27, 6.87
CIE _{LCh}	50, 7.607, 115.454
Yxy	18.6794, 0.3253, 0.3543
Android (android.graphics.Color)	4286019948 (0xFF77796C)
YUV	118.9200, -5.3836, 0.0702
Hunter-Lab	43.2197, -4.7960, 7.0852

Details

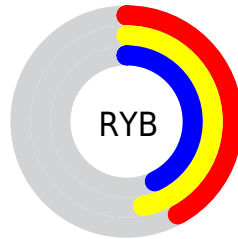
The XYZ color **17.1519, 18.6794, 16.8888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2448, 15.4211, 20.2632**, and the grayscale version is **17.5255, 18.4382, 20.0792**.

A 20% lighter version of the original color is **37.9962, 41.0483, 38.7214**, and **5.8234, 6.4416, 5.3513** is the 20% darker color. If you saturate the color by 10%, you get **16.2990, 18.3096, 13.7174**, and if you desaturate by 10%, it is **18.1002, 19.0892, 20.5321**.

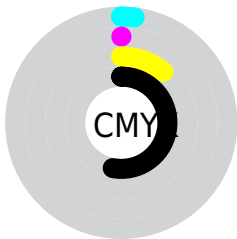
Distribution



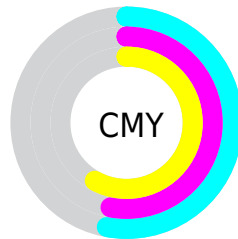
- Red (47%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1519, 18.6794, 16.8888 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 17.1519, 18.6794, 16.8888 by changing the saturation by 10% instead.

■ 17.1519, 18.6794,
16.8888

■ 17.1519, 18.6794,
16.8888

229.1854,
244.6731, 246.5530

■ 10.4388, 11.4389,
9.9941

■ 38.1283, 41.1917,
38.9225

■ 5.7554, 6.3628,
5.2895

■ 53.1223, 57.2321,
54.8986

■ 2.7361, 3.0669,
2.3564

■ 71.6074, 76.9747,
74.7390

■ 1.0158, 1.1668,
0.7626

■ 93.9488, 100.8038,
98.8621

■ 0.0000, 0.0343,
0.0000

120.5119,
129.1038, 127.6865

■ 0.0000, 0.0000,
0.0000

151.6622,

162.2591, 161.6307

187.7649,
200.6541, 201.1134

■ 17.1519, 18.6794,
16.8888

■ 17.1519, 18.6794,
16.8888

■ 16.2990, 18.3096,
13.7174

■ 18.1002, 19.0892,
20.5321

■ 15.5364, 17.9759,
10.9974

■ 19.1459, 19.5379,
24.6642

■ 14.8606, 17.6774,
8.7085

■ 20.2928, 20.0276,
29.3028

■ 14.2673, 17.4126,
6.8287

■ 21.5440, 20.5597,
34.4642

■ 13.7520, 17.1795,
5.3336

■ 22.9026, 21.1353,
40.1641

■ 13.3095, 16.9761,
4.1966

■ 24.3714, 21.7556,
46.4174

■ 12.9340, 16.8000,
3.3874

■ 25.9531, 22.4217,
53.2385

■ 12.6189, 16.6487,
2.8711

■ 27.6505, 23.1346,
60.6413

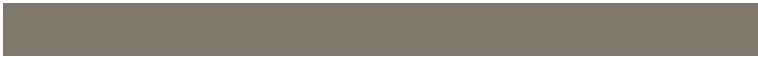
■ 12.3590, 16.5218,
2.5376

■ 29.4661, 23.8955,
68.6392

Harmonies

Analogous

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



17.8668, 18.6794, 16.5542



17.1519, 18.6794, 16.8888



16.6120, 18.6794, 18.1223

Triad

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



17.1519, 18.6794, 16.8888



16.9624, 18.6794, 23.8692



19.2051, 18.6794, 20.6622

Complementary

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



17.1519, 18.6794, 16.8888



15.2448, 15.4211, 20.2632

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.



18.9476, 18.6794, 22.7288



17.1519, 18.6794, 16.8888



17.6421, 18.6794, 24.6601

Square

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



17.1519, 18.6794, 16.8888



16.5048, 18.6794, 22.1339



18.3705, 18.6794, 24.2290



19.0652, 18.6794, 18.6433

Rectangle

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



17.1519, 18.6794, 16.8888



16.4171, 18.6794, 19.3360



18.3705, 18.6794, 24.2290



19.1620, 18.6794, 21.3755

Sweetspot

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



17.1524, 18.6802, 16.8892



32.0001, 34.0049, 35.1688



16.1631, 16.2892, 16.4798



7.2884, 7.7630, 7.9313



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.



17.1524, 18.6802, 16.8892



30.3037, 33.2718, 28.6981



16.2971, 18.2393, 16.8492



4.2500, 4.6042, 4.2892



13.2363, 17.7008, 2.7190



62.5583, 84.1354, 12.9426

Inverse Universe

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



15.2448, 15.4211, 20.2632



26.1394, 26.1568, 36.0640



16.0768, 15.8499, 20.3022



3.8498, 3.9205, 4.9970



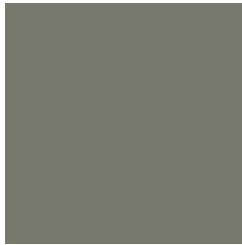
3.9718, 1.6203, 19.4887



18.4742, 7.4858, 92.9410

Previews

White Background



This preview shows how the XYZ color 17.1519, 18.6794, 16.8888 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 17.1519, 18.6794, 16.8888 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

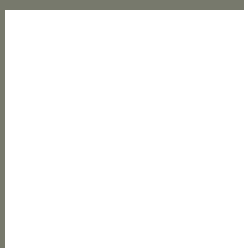
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1519, 18.6794, 16.8888

Background



This preview shows how black text looks on a background with the XYZ color 17.1519, 18.6794, 16.8888.

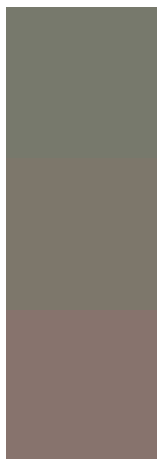


This preview shows how white text looks on a background with the XYZ color 17.1519, 18.6794,

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

17.1519, 18.6794, 16.8888

Protanopia

17.7081, 18.6152, 16.5697

Deuteranopia

18.8827, 18.5165, 17.0468



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy



Original Color

17.1519, 18.6794, 16.8888

Protanomaly

17.5387, 18.7054, 16.5960

Deuteranomaly

18.1749, 18.4938, 17.0797

Tritanomaly

17.8721, 18.6147, 20.4203

Monochromacy



Original Color

17.1519, 18.6794, 16.8888

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4187, 18.5927, 18.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1519, 18.6794, 16.8888 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, 121, 108)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 108)  
}
```

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, 121, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.1519, 18.6794, 16.8888 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, 121, 108) }
```


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

```
.border{ border-color:rgb(119, 121, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 121, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 108);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1519, 18.6794, 16.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 108) }
```

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

```
.background{ background-color: rgb(119,  
121, 108) }
```

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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