

Converting Colors

XYZ(17.8046, 19.5204, 16.8495)

Have a look what the booklet for
XYZ(17.8046, 19.5204, 16.8495)
contains.

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Color

**XYZ(17.7467, 19.5418,
16.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	797C6B
RGB	121, 124, 107
RGB Percent	47%, 49%, 42%
CMY	0.5255, 0.5137, 0.5804
CMYK	0.02, 0.00, 0.14, 0.51
HSL	71°, 7%, 45%
HSV	71°, 14%, 49%
XYZ	17.7467, 19.5418, 16.7465
YIQ	121.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

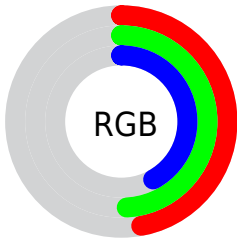
Format	Color
RYB	107, 124, 110
Decimal	7961707
CIELab	51.32, -4.37, 8.90
CIELCh	51, 9.920, 116.156
Yxy	19.5418, 0.3284, 0.3617
Android (android.graphics.Color)	4286151787 (0xFF797C6B)
YUV	121.1650, -6.9833, -0.1447
Hunter-Lab	44.2061, -5.7012, 8.4836

Details

The XYZ color **17.7467, 19.5418, 16.7465** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3269, 15.2861, 21.2125**, and the grayscale version is **18.2488, 19.1992, 20.9079**.

A 20% lighter version of the original color is **38.9305, 42.4035, 38.4806**, and **6.0042, 6.7361, 5.2587** is the 20% darker color. If you saturate the color by 10%, you get **16.8374, 19.1437, 13.5392**, and if you desaturate by 10%, it is **18.7576, 19.9827, 20.4478**.

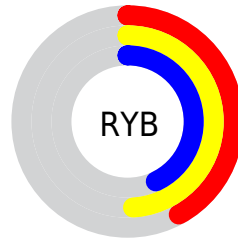
Distribution



Red (47%)

Green (49%)

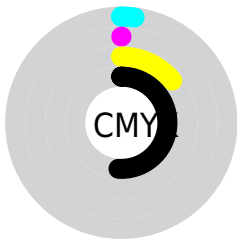
Blue (42%)



Red (42%)

Yellow (49%)

Blue (43%)

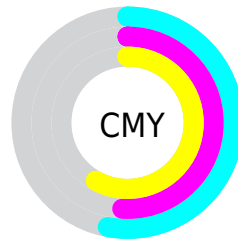


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7467, 19.5418, 16.7465 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 17.7467, 19.5418, 16.7465 by changing the saturation by 10% instead.

■ 17.7467, 19.5418,
16.7465

■ 17.7467, 19.5418,
16.7465

232.5127,
249.4237, 245.7016

■ 10.8669, 12.0624,
9.8939

■ 39.1387, 42.6476,
38.6741

■ 6.0440, 6.7862,
5.2240

■ 54.3816, 59.0429,
54.5861

■ 2.9128, 3.3288,
2.3182

■ 73.1429, 79.1789,
74.3550

■ 1.1078, 1.3057,
0.7414

■ 95.7879, 103.4400,
98.3993

■ 0.0316, 0.1456,
0.0000

122.6821,
132.2106, 127.1376

■ 0.0000, 0.0000,
0.0000

154.1907,

165.8752, 160.9884

190.6791,
204.8181, 200.3702

■ 17.7467, 19.5418,
16.7465

■ 17.7467, 19.5418,
16.7465

■ 16.8374, 19.1437,
13.5392

■ 18.7576, 19.9827,
20.4478

■ 16.0241, 18.7841,
10.8038

■ 19.8724, 20.4652,
24.6615

■ 15.3030, 18.4622,
8.5183

■ 21.0950, 20.9918,
29.4065

■ 14.6696, 18.1762,
6.6586

■ 22.4290, 21.5636,
34.7006

■ 14.1187, 17.9239,
5.1981

■ 23.8774, 22.1822,
40.5605

■ 13.6447, 17.7032,
4.1075

■ 25.4435, 22.8486,
47.0023

■ 13.2413, 17.5115,
3.3533

■ 27.1302, 23.5640,
54.0415

■ 12.9000, 17.3455,
2.8920

■ 28.9404, 24.3297,
61.6930

■ 12.6997, 17.2471,
2.6597

■ 30.8769, 25.1468,
69.9711

Harmonies

Analogous

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



18.7019, 19.5418, 16.2850



17.7467, 19.5418, 16.7465



17.0361, 19.5418, 18.3814

Triad

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



17.7467, 19.5418, 16.7465



17.5330, 19.5418, 26.1385



20.5403, 19.5418, 21.6456

Complementary

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



17.7467, 19.5418, 16.7465



15.3269, 15.2861, 21.2125

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.



20.2015, 19.5418, 24.4633



17.7467, 19.5418, 16.7465



18.4465, 19.5418, 27.1989

Square

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



17.7467, 19.5418, 16.7465



16.9158, 19.5418, 23.7745



19.4264, 19.5418, 26.5603



20.3369, 19.5418, 18.9621

Rectangle

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



17.7467, 19.5418, 16.7465



16.7849, 19.5418, 19.9987



19.4264, 19.5418, 26.5603



20.4857, 19.5418, 22.6101

Sweetspot

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



17.7472, 19.5427, 16.7469



32.9357, 35.1319, 35.7150



16.5246, 16.4631, 16.2169



7.7282, 8.2616, 8.3052



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.7472, 19.5427, 16.7469



30.7850, 34.1944, 27.8794



16.6294, 18.9664, 16.6946



4.2416, 4.5999, 4.2888



12.9079, 17.5315, 2.7036



60.9289, 83.2954, 12.8663

Inverse Universe

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



15.3269, 15.2861, 21.2125



25.7872, 25.4045, 37.1010



16.4130, 15.8460, 21.2633



3.8576, 3.9245, 4.9974



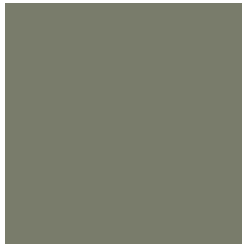
4.0307, 1.6507, 19.4915



18.7057, 7.6052, 92.9518

Previews

White Background



This preview shows how the XYZ color 17.7467, 19.5418, 16.7465 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 17.7467, 19.5418, 16.7465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

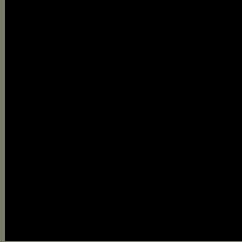
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7467, 19.5418, 16.7465

Background



This preview shows how black text looks on a background with the XYZ color 17.7467, 19.5418, 16.7465.

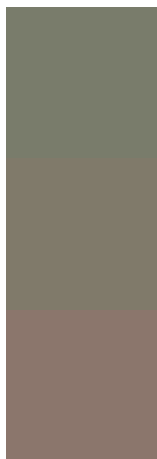


This preview shows how white text looks on a background with the XYZ color 17.7467, 19.5418,

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

17.7467, 19.5418, 16.7465

Protanopia

18.4631, 19.5489, 16.4359

Deuteranopia

19.8327, 19.5285, 16.9114



Tritanopia

19.1788, 19.5715, 23.8859

Trichromacy



Original Color

17.7467, 19.5418, 16.7465

Protanomaly

18.1419, 19.5665, 16.4562

Deuteranomaly

18.9390, 19.4212, 16.9378

Tritanomaly

18.6408, 19.5352, 21.2005

Monochromacy



Original Color

17.7467, 19.5418, 16.7465

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9971, 19.2450, 19.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7467, 19.5418, 16.7465 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(121, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 107)  
}
```

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(121, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.7467, 19.5418, 16.7465 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(121, 124, 107) }
```


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

```
.border{ border-color:rgb(121, 124, 107) }
```

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

Here you see how a box with a 4 pixel rgb(121, 124, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(121, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7467, 19.5418, 16.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 107) }
```

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

```
.background{ background-color: rgb(121,  
124, 107) }
```

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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