

Converting Colors

XYZ(15.5547, 17.6826, 16.5032)

Have a look what the booklet for
XYZ(15.5547, 17.6826, 16.5032)
contains.

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Color

**XYZ(15.5547, 17.6826,
16.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	6C786B
RGB	108, 120, 107
RGB Percent	42%, 47%, 42%
CMY	0.5765, 0.5294, 0.5804
CMYK	0.10, 0.00, 0.11, 0.53
HSL	115°, 6%, 45%
HSV	115°, 11%, 47%
XYZ	15.5547, 17.6826, 16.5032
YIQ	114.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

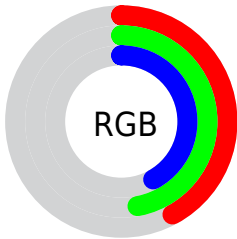
Format	Color
RYB	107, 120, 119
Decimal	7108715
CIELab	49.11, -7.15, 5.62
CIElCh	49, 9.095, 141.822
Yxy	17.6826, 0.3127, 0.3555
Android (android.graphics.Color)	4285298795 (0xFF6C786B)
YUV	114.9300, -3.9095, -6.0776
Hunter-Lab	42.0507, -7.5609, 6.1665

Details

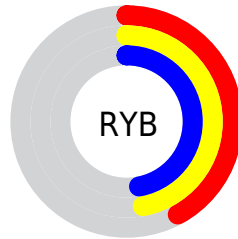
The XYZ color **15.5547, 17.6826, 16.5032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2562, 15.7938, 19.9619**, and the grayscale version is **16.2870, 17.1352, 18.6602**.

A 20% lighter version of the original color is **35.2222, 39.3446, 38.0856**, and **5.0574, 5.9531, 5.1575** is the 20% darker color. If you saturate the color by 10%, you get **13.7041, 16.7970, 13.3465**, and if you desaturate by 10%, it is **17.6651, 18.6930, 20.1302**.

Distribution



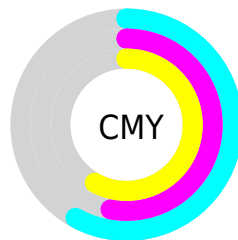
- Red (42%)
- Green (47%)
- Blue (42%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5547, 17.6826, 16.5032 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 15.5547, 17.6826, 16.5032 by changing the saturation by 10% instead.

■ 15.5547, 17.6826,
16.5032

■ 15.5547, 17.6826,
16.5032

220.0220,
239.0759, 244.2392

■ 9.2984, 10.7224,
9.7227

■ 35.3871, 39.4957,
38.2485

■ 4.9950, 5.8805,
5.1123

■ 49.6940, 55.1174,
54.0504

■ 2.2791, 2.7725,
2.2534

■ 67.4151, 74.3950,
73.6965

■ 0.7839, 1.0142,
0.7049

■ 88.9159, 97.7130,
97.6053

■ 0.0000, 0.0000,
0.0000

114.5616,
125.4556, 126.1955

144.7176,

158.0074, 159.8855

179.7493,
195.7527, 199.0939

■ 15.5547, 17.6826,
16.5032

■ 15.5547, 17.6826,
16.5032

■ 13.7041, 16.7970,
13.3465

■ 17.6651, 18.6930,
20.1302

■ 12.1018, 16.0293,
10.6398

■ 20.0434, 19.8304,
24.2445

■ 10.7378, 15.3751,
8.3630

■ 22.6989, 21.0999,
28.8637

■ 9.6007, 14.8291,
6.4940

■ 25.6402, 22.5055,
34.0039

■ 8.6780, 14.3853,
5.0086

■ 28.8755, 24.0511,
39.6808

■ 7.9563, 14.0375,
3.8802

■ 32.4127, 25.7403,
45.9092

■ 7.4204, 13.7785,
3.0790

■ 36.2593, 27.5769,
52.7037

■ 7.0533, 13.6001,
2.5699

■ 40.4225, 29.5642,
60.0778

■ 6.8324, 13.4931,
2.2443

■ 44.9095, 31.7057,
68.0451

Harmonies

Analogous

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



16.2066, 17.6826, 15.2275



15.5547, 17.6826, 16.5032



15.2407, 17.6826, 18.5953

Triad

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



15.5547, 17.6826, 16.5032



16.5754, 17.6826, 24.2670



18.3698, 17.6826, 17.5656

Complementary

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



15.5547, 17.6826, 16.5032



16.2562, 15.7938, 19.9619

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.



18.4767, 17.6826, 19.9267



15.5547, 17.6826, 16.5032



17.4216, 17.6826, 23.9328

Square

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



15.5547, 17.6826, 16.5032



15.8169, 17.6826, 23.1714



18.1243, 17.6826, 22.2932



17.8372, 17.6826, 15.8039

Rectangle

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



15.5547, 17.6826, 16.5032



15.2576, 17.6826, 20.2281



18.1243, 17.6826, 22.2932



18.4574, 17.6826, 18.3104

Sweetspot

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



15.5552, 17.6834, 16.5036



30.1971, 32.4593, 33.9023



16.9872, 18.2292, 16.5335



7.0911, 7.6613, 7.9221



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.



15.5552, 17.6834, 16.5036



26.5070, 30.6933, 27.5705



15.7283, 17.7386, 18.0466



3.9768, 4.4634, 4.2764



7.4476, 14.7166, 2.4481



35.2288, 70.0465, 11.6636

Inverse Universe

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



16.2562, 15.7938, 19.9619



27.9979, 26.6743, 34.9261



16.0746, 15.7371, 18.2852



4.1255, 4.0626, 5.0099



10.8131, 5.1471, 19.8089



51.2553, 24.3851, 94.4751

Previews

White Background



This preview shows how the XYZ color 15.5547, 17.6826, 16.5032 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 15.5547, 17.6826, 16.5032 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

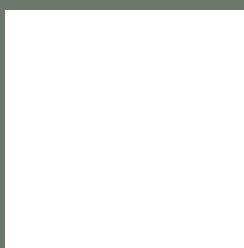
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5547, 17.6826, 16.5032

Background



This preview shows how black text looks on a background with the XYZ color 15.5547, 17.6826, 16.5032.

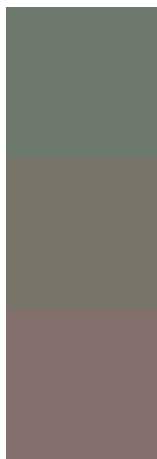


This preview shows how white text looks on a background with the XYZ color 15.5547, 17.6826,

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

15.5547, 17.6826, 16.5032

Protanopia

16.6804, 17.5757, 15.8779

Deuteranopia

17.9146, 17.5178, 16.9051



Tritanopia

16.6827, 17.6084, 22.2582

Trichromacy



Original Color

15.5547, 17.6826, 16.5032

Protanomaly

16.1653, 17.4762, 16.1569

Deuteranomaly

17.0059, 17.5551, 16.6795

Tritanomaly

16.2386, 17.6038, 19.9948

Monochromacy



Original Color

15.5547, 17.6826, 16.5032

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9680, 17.3372, 17.8340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5547, 17.6826, 16.5032 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(108, 120, 107)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 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(108, 120, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.5547, 17.6826, 16.5032 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(108, 120, 107) }
```


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

```
.border{ border-color:rgb(108, 120, 107) }
```

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

Here you see how a box with a 4 pixel rgb(108, 120, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 107);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5547, 17.6826, 16.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 107) }
```

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

```
.background{ background-color: rgb(108,  
120, 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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