

Converting Colors

XYZ(15.9910, 18.5793, 16.8394)

Have a look what the booklet for
XYZ(15.9910, 18.5793, 16.8394)
contains.

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Color

**XYZ(16.0988, 18.6862,
16.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7C6C
RGB	108, 124, 108
RGB Percent	42%, 49%, 42%
CMY	0.5765, 0.5137, 0.5765
CMYK	0.13, 0.00, 0.13, 0.51
HSL	120°, 7%, 45%
HSV	120°, 13%, 49%
XYZ	16.0988, 18.6862, 16.9457
YIQ	117.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

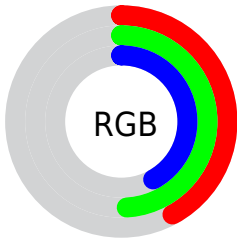
Format	Color
RYB	108, 124, 124
Decimal	7109740
CIELab	50.32, -9.21, 6.76
CIELCh	50, 11.425, 143.712
Yxy	18.6862, 0.3112, 0.3612
Android (android.graphics.Color)	4285299820 (0xFF6C7C6C)
YUV	117.3920, -4.6303, -8.2368
Hunter-Lab	43.2275, -9.1712, 7.0169

Details

The XYZ color **16.0988, 18.6862, 16.9457** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3135, 16.4659, 21.3354**, and the grayscale version is **17.0456, 17.9333, 19.5293**.

A 20% lighter version of the original color is **36.4774, 41.4211, 38.8734**, and **5.2219, 6.3297, 5.3614** is the 20% darker color. If you saturate the color by 10%, you get **14.0830, 17.7184, 13.6480**, and if you desaturate by 10%, it is **18.4241, 19.8037, 20.7487**.

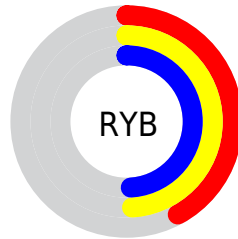
Distribution



Red (42%)

Green (49%)

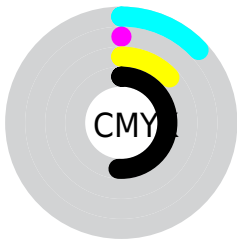
Blue (42%)



Red (42%)

Yellow (49%)

Blue (49%)

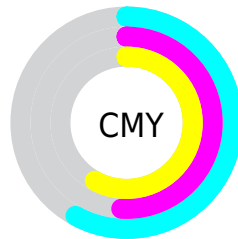


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0988, 18.6862, 16.9457 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 16.0988, 18.6862, 16.9457 by changing the saturation by 10% instead.

■ 16.0988, 18.6862,
16.9457

■ 16.0988, 18.6862,
16.9457

223.1830,
244.7109, 246.8926

■ 9.6854, 11.4438,
10.0342

■ 36.3257, 41.2032,
39.0218

■ 5.2515, 6.3661,
5.3158

■ 50.8699, 57.2465,
55.0234

■ 2.4319, 3.0690,
2.3717

■ 68.8551, 76.9922,
74.8923

■ 0.8610, 1.1678,
0.7710

■ 90.6466, 100.8248,
99.0468

■ 0.0000, 0.0352,
0.0000

116.6098,
129.1285, 127.9056

■ 0.0000, 0.0000,
0.0000

147.1100,

162.2878, 161.8871

182.5126,
200.6872, 201.4099

■ 16.0988, 18.6862,
16.9457

■ 16.0988, 18.6862,
16.9457

■ 14.0830, 17.7184,
13.6480

■ 18.4241, 19.8037,
20.7487

■ 12.3621, 16.8918,
10.8333

■ 21.0695, 21.0744,
25.0757

■ 10.9229, 16.2005,
8.4791

■ 24.0470, 22.5047,
29.9459

■ 9.7502, 15.6372,
6.5611

■ 27.3677, 24.0998,
35.3774

■ 8.8279, 15.1942,
5.0524

■ 31.0419, 25.8647,
41.3872

■ 8.1376, 14.8626,
3.9232

■ 35.0797, 27.8043,
47.9916

■ 7.6587, 14.6326,
3.1400

■ 39.4907, 29.9231,
55.2064

■ 7.3664, 14.4921,
2.6617

■ 44.2841, 32.2256,
63.0468

■ 7.2080, 14.4161,
2.4028

■ 49.4689, 34.7161,
71.5273

Harmonies

Analogous

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



16.9180, 18.6862, 15.2573



16.0988, 18.6862, 16.9457



15.7269, 18.6862, 19.6854

Triad

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



16.0988, 18.6862, 16.9457



17.5285, 18.6862, 27.0305



19.7827, 18.6862, 17.9906

Complementary

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



16.0988, 18.6862, 16.9457



17.3135, 16.4659, 21.3354

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.



19.9627, 18.6862, 21.0214



16.0988, 18.6862, 16.9457



18.6309, 18.6862, 26.4567

Square

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



16.0988, 18.6862, 16.9457



16.5299, 18.6862, 25.6688



19.5332, 18.6862, 24.1734



19.0511, 18.6862, 15.8153

Rectangle

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



16.0988, 18.6862, 16.9457



15.7711, 18.6862, 21.8264



19.5332, 18.6862, 24.1734



19.9110, 18.6862, 18.9343

Sweetspot

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



16.0993, 18.6870, 16.9461



31.9043, 34.6002, 35.6668



18.2275, 19.7841, 17.0456



7.4479, 8.1171, 8.2921



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.



16.0993, 18.6870, 16.9461



27.4105, 32.4415, 28.3163



16.5450, 18.8653, 19.2929



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



17.3135, 16.4659, 21.3354



29.9118, 27.8660, 37.3585



16.8278, 16.2716, 18.7774



4.1545, 4.0775, 5.0112



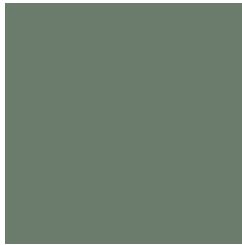
12.1484, 5.8355, 19.8704



57.9493, 27.8361, 94.7838

Previews

White Background



This preview shows how the XYZ color 16.0988, 18.6862, 16.9457 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 16.0988, 18.6862, 16.9457 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

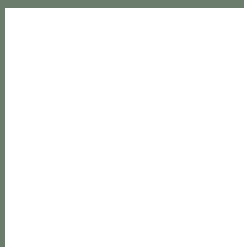
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0988, 18.6862, 16.9457

Background



This preview shows how black text looks on a background with the XYZ color 16.0988, 18.6862, 16.9457.

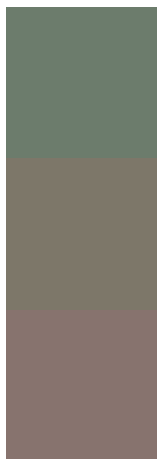


This preview shows how white text looks on a background with the XYZ color 16.0988, 18.6862,

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

16.0988, 18.6862, 16.9457

Protanopia

17.6041, 18.5735, 16.0218

Deuteranopia

18.9369, 18.5382, 17.3320



Tritanopia

17.5487, 18.7312, 23.8097

Trichromacy



Original Color

16.0988, 18.6862, 16.9457

Protanomaly

17.0466, 18.6373, 16.3346

Deuteranomaly

17.6962, 18.4210, 17.0909

Tritanomaly

17.0279, 18.7037, 21.1251

Monochromacy



Original Color

16.0988, 18.6862, 16.9457

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6932, 18.2253, 18.5576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0988, 18.6862, 16.9457 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, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 124, 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(108, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 124, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.0988, 18.6862, 16.9457 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, 124, 108) }
```


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

```
.border{ border-color:rgb(108, 124, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 124, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 124,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0988, 18.6862, 16.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 124, 108) }
```

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

```
.background{ background-color: rgb(108,  
124, 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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