

Converting Colors

XYZ(16.6041, 18.3499, 17.8281)

Have a look what the booklet for
XYZ(16.6041, 18.3499, 17.8281)
contains.

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Color

**XYZ(16.6460, 18.3998,
17.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	72796F
RGB	114, 121, 111
RGB Percent	45%, 47%, 44%
CMY	0.5529, 0.5255, 0.5647
CMYK	0.06, 0.00, 0.08, 0.53
HSL	102°, 4%, 45%
HSV	102°, 8%, 47%
XYZ	16.6460, 18.3998, 17.7131
YIQ	117.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

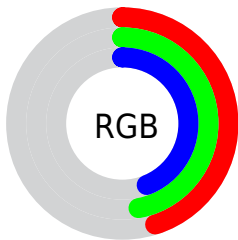
Format	Color
RYB	111, 121, 118
Decimal	7502191
CIELab	49.98, -4.64, 4.57
CIELCh	50, 6.517, 135.418
Yxy	18.3998, 0.3155, 0.3488
Android (android.graphics.Color)	4285692271 (0xFF72796F)
YUV	117.7670, -3.3361, -3.3037
Hunter-Lab	42.8950, -5.7968, 5.5432

Details

The XYZ color **16.6460, 18.3998, 17.7131** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6076, 16.6014, 20.4191**, and the grayscale version is **17.1577, 18.0513, 19.6578**.

A 20% lighter version of the original color is **37.2803, 40.6385, 40.5295**, and **5.5265, 6.2822, 5.6239** is the 20% darker color. If you saturate the color by 10%, you get **14.9731, 17.6098, 14.3894**, and if you desaturate by 10%, it is **18.5122, 19.2801, 21.5179**.

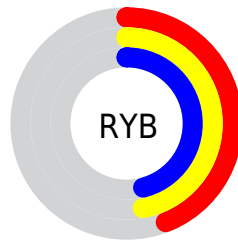
Distribution



Red (45%)

Green (47%)

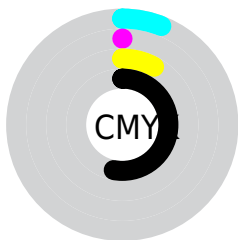
Blue (44%)



Red (44%)

Yellow (47%)

Blue (46%)

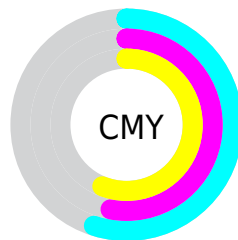


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6460, 18.3998, 17.7131 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 16.6460, 18.3998, 17.7131 by changing the saturation by 10% instead.

■ 16.6460, 18.3998,
17.7131

■ 16.6460, 18.3998,
17.7131

226.3203,
243.1150, 251.4305

■ 10.0762, 11.2374,
10.5769

■ 37.2646, 40.7174,
40.3552

■ 5.5121, 6.2267,
5.6725

■ 52.0440, 56.6414,
56.6981

■ 2.5886, 2.9834,
2.5815

■ 70.2907, 76.2547,
76.9470

■ 0.9401, 1.1231,
0.8829

■ 92.3700, 99.9418,
101.5205

■ 0.0000, 0.0000,
0.0000

118.6472,
128.0869, 130.8370

149.4878,

161.0746, 165.3152

185.2570,
199.2891, 205.3735

■ 16.6460, 18.3998,
17.7131

■ 16.6460, 18.3998,
17.7131

■ 14.9731, 17.6098,
14.3894

■ 18.5122, 19.2801,
21.5179

■ 13.4858, 16.9049,
11.5263

■ 20.5764, 20.2512,
25.8205

■ 12.1777, 16.2828,
9.1040

■ 22.8447, 21.3162,
30.6385

■ 11.0418, 15.7403,
7.1004

■ 25.3228, 22.4779,
35.9881

■ 10.0703, 15.2741,
5.4919

■ 28.0160, 23.7385,
41.8850

■ 9.2550, 14.8804,
4.2521

■ 30.9293, 25.1005,
48.3440

■ 8.5867, 14.5552,
3.3518

■ 34.0678, 26.5659,
55.3796

■ 8.0554, 14.2939,
2.7570

■ 37.4362, 28.1371,
63.0055

■ 7.6396, 14.0875,
2.3768

■ 41.0392, 29.8161,
71.2352

Harmonies

Analogous

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



17.1708, 18.3998, 16.8947



16.6460, 18.3998, 17.7131



16.3505, 18.3998, 19.1797

Triad

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



16.6460, 18.3998, 17.7131



17.1875, 18.3998, 23.5549



18.6733, 18.3998, 19.1327

Complementary

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



16.6460, 18.3998, 17.7131



16.6076, 16.6014, 20.4191

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.



18.6781, 18.3998, 20.9138



16.6460, 18.3998, 17.7131



17.8101, 18.3998, 23.5405

Square

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



16.6460, 18.3998, 17.7131



16.6580, 18.3998, 22.5882



18.3589, 18.3998, 22.5498



18.3461, 18.3998, 17.6804

Rectangle

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



16.6460, 18.3998, 17.7131



16.3186, 18.3998, 20.3611



18.3589, 18.3998, 22.5498



18.7129, 18.3998, 19.7109

Sweetspot

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



16.6465, 18.4006, 17.7135



31.8434, 33.9089, 35.8498



17.2335, 18.1703, 17.6381



7.2930, 7.7590, 8.2216



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.



16.6465, 18.4006, 17.7135



29.1865, 32.6555, 30.4703



16.3741, 18.2473, 18.2822



4.0535, 4.5029, 4.2800



8.1073, 15.0567, 2.4789



37.9094, 71.4284, 11.7890

Inverse Universe

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



16.6076, 16.6014, 20.4191



29.1010, 28.7117, 36.4010



16.9000, 16.7662, 19.7990



4.0430, 4.0201, 5.0060



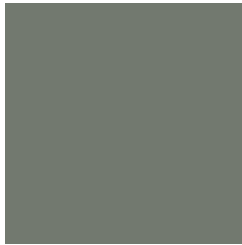
7.6737, 3.5287, 19.6619



35.7144, 16.3734, 93.7478

Previews

White Background



This preview shows how the XYZ color 16.6460, 18.3998, 17.7131 looks on a white background.

Color Contrast Check

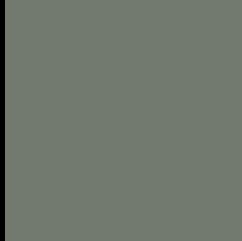
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6460, 18.3998, 17.7131 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

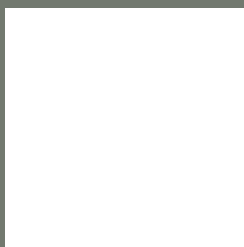
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6460, 18.3998, 17.7131

Background



This preview shows how black text looks on a background with the XYZ color 16.6460, 18.3998, 17.7131.



This preview shows how white text looks on a background with the XYZ color 16.6460, 18.3998,

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

16.6460, 18.3998, 17.7131

Protanopia

17.4613, 18.2936, 17.3626

Deuteranopia

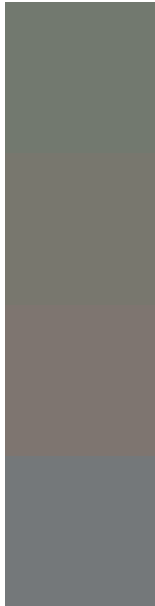
18.7282, 18.4179, 17.8972



Tritanopia

17.8292, 18.5341, 23.0598

Trichromacy



Original Color

16.6460, 18.3998, 17.7131

Protanomaly

17.1570, 18.3125, 17.3822

Deuteranomaly

17.8901, 18.3281, 17.9240

Tritanomaly

17.4318, 18.5511, 21.0743

Monochromacy



Original Color

16.6460, 18.3998, 17.7131

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0275, 18.2134, 18.8377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6460, 18.3998, 17.7131 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(114, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(114, 121, 111)  
}
```

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(114, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 121, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.6460, 18.3998, 17.7131 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(114, 121, 111) }
```


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

```
.border{ border-color:rgb(114, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(114, 121,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6460, 18.3998, 17.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 121, 111) }
```

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

```
.background{ background-color: rgb(114,  
121, 111) }
```

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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