

Converting Colors

XYZ(16.0385, 18.3386, 17.7805)

Have a look what the booklet for
XYZ(16.0385, 18.3386, 17.7805)
contains.

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Color

**XYZ(16.0131, 18.2549,
17.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7A6F
RGB	108, 122, 111
RGB Percent	42%, 48%, 44%
CMY	0.5765, 0.5216, 0.5647
CMYK	0.11, 0.00, 0.09, 0.52
HSL	133°, 6%, 45%
HSV	133°, 11%, 48%
XYZ	16.0131, 18.2549, 17.7185
YIQ	116.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

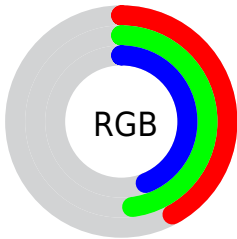
Format	Color
R_{YB}	108, 120, 122
Decimal	7109231
CIE Lab	49.80, -7.48, 4.26
CIE LCh	50, 8.614, 150.329
Yxy	18.2549, 0.3080, 0.3511
Android (android.graphics.Color)	4285299311 (0xFF6C7A6F)
YUV	116.5600, -2.7411, -7.5071
Hunter-Lab	42.7258, -7.8704, 5.3203

Details

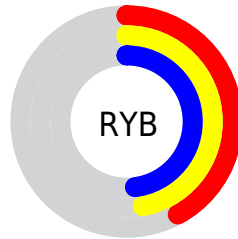
The XYZ color **16.0131, 18.2549, 17.7185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7190, 16.1950, 19.6983**, and the grayscale version is **16.7822, 17.6562, 19.2276**.

A 20% lighter version of the original color is **36.0450, 40.2874, 40.5268**, and **5.2042, 6.1161, 5.6089** is the 20% darker color. If you saturate the color by 10%, you get **14.1321, 17.3435, 15.0216**, and if you desaturate by 10%, it is **18.1594, 19.2976, 20.7244**.

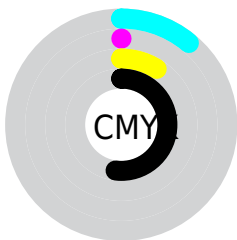
Distribution



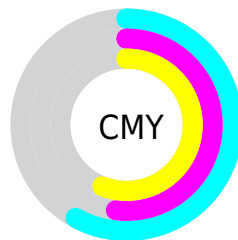
- Red (42%)
- Green (48%)
- Blue (44%)



- Red (42%)
- Yellow (47%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0131, 18.2549, 17.7185 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 16.0131, 18.2549, 17.7185 by changing the saturation by 10% instead.

■ 16.0131, 18.2549,
17.7185

■ 16.0131, 18.2549,
17.7185

222.6879,
242.3039, 251.4622

■ 9.6243, 11.1331,
10.5807

■ 36.1782, 40.4712,
40.3645

■ 5.2109, 6.1565,
5.6751

■ 50.6853, 56.3345,
56.7098

■ 2.4076, 2.9405,
2.5829

■ 68.6291, 75.8805,
76.9614

■ 0.8489, 1.1007,
0.8836

■ 90.3751, 99.4935,
101.5378

■ 0.0000, 0.0000,
0.0000

116.2886,
127.5580, 130.8575

146.7350,

160.4582, 165.3391

182.0797,
198.5788, 205.4012

■ 16.0131, 18.2549,
17.7185

■ 16.0131, 18.2549,
17.7185

■ 14.1321, 17.3435,
15.0216

■ 18.1594, 19.2976,
20.7244

■ 12.5046, 16.5559,
12.6226

■ 20.5794, 20.4741,
24.0473

■ 11.1201, 15.8874,
10.5117

■ 23.2827, 21.7897,
27.6967

■ 9.9666, 15.3322,
8.6779

■ 26.2783, 23.2489,
31.6810

■ 9.0313, 14.8838,
7.1098

■ 29.5746, 24.8558,
36.0086

■ 8.3000, 14.5351,
5.7950

■ 33.1796, 26.6145,
40.6874

■ 7.7568, 14.2783,
4.7200

■ 37.1013, 28.5287,
45.7251

■ 7.3833, 14.1042,
3.8703

■ 41.3470, 30.6023,
51.1293

■ 7.1479, 13.9950,
3.3102

■ 45.9242, 32.8387,
56.9071

Harmonies

Analogous

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



16.5646, 18.2549, 16.2192



16.0131, 18.2549, 17.7185



15.8174, 18.2549, 19.9025

Triad

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



16.0131, 18.2549, 17.7185



17.3598, 18.2549, 24.7562



18.7513, 18.2549, 17.6768

Complementary

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



16.0131, 18.2549, 17.7185



16.7190, 16.1950, 19.6983

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.



18.9800, 18.2549, 19.8505



16.0131, 18.2549, 17.7185



18.1613, 18.2549, 24.0460

Square

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



16.0131, 18.2549, 17.7185



16.5799, 18.2549, 24.0755



18.7609, 18.2549, 22.2029



18.1451, 18.2549, 16.1965

Rectangle

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



16.0131, 18.2549, 17.7185



15.9102, 18.2549, 21.4912



18.7609, 18.2549, 22.2029



18.8757, 18.2549, 18.3447

Sweetspot

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



16.0136, 18.2557, 17.7189



31.3122, 33.6405, 35.5781



17.3023, 18.9388, 16.9312



7.0955, 7.6608, 8.0457



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.



16.0136, 18.2557, 17.7189



27.1778, 31.6337, 29.7593



16.4026, 18.4113, 19.7672



3.9828, 4.4627, 4.4432



7.5225, 14.7327, 3.4704



35.6200, 70.1710, 15.1686

Inverse Universe

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



16.7190, 16.1950, 19.6983



28.6989, 27.1897, 34.0275



16.3249, 16.0374, 17.6232



4.1195, 4.0635, 4.8268



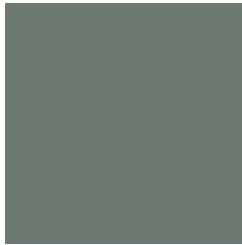
10.6631, 5.2414, 12.0487



50.5423, 24.8732, 55.7789

Previews

White Background



This preview shows how the XYZ color 16.0131, 18.2549, 17.7185 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 16.0131, 18.2549, 17.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

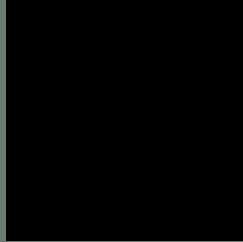
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0131, 18.2549, 17.7185

Background



This preview shows how black text looks on a background with the XYZ color 16.0131, 18.2549, 17.7185.

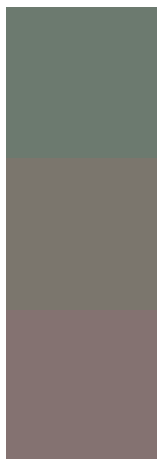


This preview shows how white text looks on a background with the XYZ color 16.0131, 18.2549,

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

16.0131, 18.2549, 17.7185

Protanopia

17.4071, 18.2719, 17.0774

Deuteranopia

18.5137, 18.1324, 18.1469



Tritanopia

17.1148, 18.1581, 23.3717

Trichromacy



Original Color

16.0131, 18.2549, 17.7185

Protanomaly

16.8825, 18.1710, 17.3694

Deuteranomaly

17.4543, 18.1034, 17.9036

Tritanomaly

16.6597, 18.1531, 21.0382

Monochromacy



Original Color

16.0131, 18.2549, 17.7185

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6308, 18.0089, 18.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0131, 18.2549, 17.7185 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, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(108, 122, 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(108, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 122, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.0131, 18.2549, 17.7185 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, 122, 111) }
```


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

```
.border{ border-color:rgb(108, 122, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(108, 122,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0131, 18.2549, 17.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 122, 111) }
```

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

```
.background{ background-color: rgb(108,  
122, 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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