

Converting Colors

XYZ(16.0674, 18.2983, 17.3304)

Have a look what the booklet for
XYZ(16.0674, 18.2983, 17.3304)
contains.

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Color

**XYZ(16.0807, 18.2961,
17.4358)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6D7A6E |
| RGB | 109, 122, 110 |
| RGB Percent | 43%, 48%, 43% |
| CMY | 0.5725, 0.5216, 0.5686 |
| CMYK | 0.11, 0.00, 0.10, 0.52 |
| HSL | 125°, 6%, 45% |
| HSV | 125°, 11%, 48% |
| XYZ | 16.0807, 18.2961, 17.4358 |
| YIQ | 116.7450, -3.8960, -6.4880 |

Conversions

Conversions Part 2

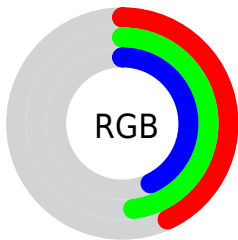
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 121, 122 |
| Decimal | 7174766 |
| CIE Lab | 49.85, -7.31, 4.93 |
| CIE LCh | 50, 8.819, 145.985 |
| Yxy | 18.2961, 0.3104, 0.3531 |
| Android (android.graphics.Color) | 4285364846 (0xFF6D7A6E) |
| YUV | 116.7450, -3.3253, -6.7924 |
| Hunter-Lab | 42.7739, -7.7480, 5.7736 |

Details

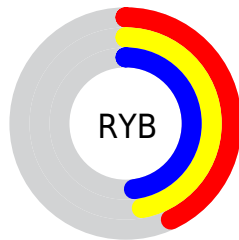
The XYZ color **16.0807, 18.2961, 17.4358** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9466, 16.4558, 20.3732**, and the grayscale version is **16.8409, 17.7179, 19.2948**.

A 20% lighter version of the original color is **36.3556, 40.4578, 40.0754**, and **5.1765, 6.1050, 5.4630** is the 20% darker color. If you saturate the color by 10%, you get **14.1081, 17.3461, 14.3436**, and if you desaturate by 10%, it is **18.3406, 19.3862, 20.9490**.

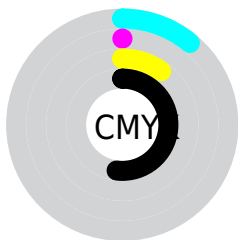
Distribution



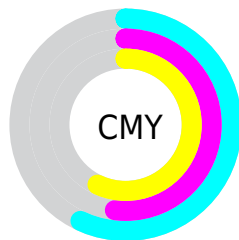
- Red (43%)
- Green (48%)
- Blue (43%)



- Red (43%)
- Yellow (47%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0807, 18.2961, 17.4358 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 16.0807, 18.2961, 17.4358 by changing the saturation by 10% instead.

■ 16.0807, 18.2961,
17.4358

■ 16.0807, 18.2961,
17.4358

223.0785,
242.5348, 249.7998

■ 9.6725, 11.1628,
10.3805

■ 36.2946, 40.5412,
39.8744

■ 5.2429, 6.1764,
5.5430

■ 50.8309, 56.4218,
56.0948

■ 2.4267, 2.9527,
2.5050

■ 68.8074, 75.9870,
76.2073

■ 0.8585, 1.1071,
0.8428

■ 90.5893, 99.6211,
100.6303

■ 0.0000, 0.0000,
0.0000

116.5420,
127.7085, 129.7826

147.0308,

160.6337, 164.0826

182.4212,
198.7809, 203.9488

■ 16.0807, 18.2961,
17.4358

■ 16.0807, 18.2961,
17.4358

■ 14.1081, 17.3461,
14.3436

■ 18.3406, 19.3862,
20.9490

■ 12.4099, 16.5284,
11.6556

■ 20.8971, 20.6194,
24.8971

■ 10.9743, 15.8378,
9.3554

■ 23.7610, 22.0015,
29.2945

■ 9.7883, 15.2678,
7.4251

■ 26.9420, 23.5370,
34.1548

■ 8.8374, 14.8116,
5.8453

■ 30.4494, 25.2307,
39.4909

■ 8.1061, 14.4615,
4.5952

■ 34.2922, 27.0868,
45.3155

■ 7.5767, 14.2089,
3.6512

■ 38.4789, 29.1095,
51.6403

■ 7.2287, 14.0439,
2.9872

■ 43.0178, 31.3027,
58.4771

■ 7.0113, 13.9404,
2.5907

■ 47.9170, 33.6705,
65.8370

Harmonies

Analogous

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



16.6894, 18.2961, 16.0332



16.0807, 18.2961, 17.4358



15.8226, 18.2961, 19.5981

Triad

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



16.0807, 18.2961, 17.4358



17.2767, 18.2961, 24.9199



18.8879, 18.2961, 17.9560

Complementary

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



16.0807, 18.2961, 17.4358



16.9466, 16.4558, 20.3732

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.



19.0574, 18.2961, 20.2481



16.0807, 18.2961, 17.4358



18.1098, 18.2961, 24.3921

Square

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



16.0807, 18.2961, 17.4358



16.4989, 18.2961, 24.0220



18.7683, 18.2961, 22.6325



18.3124, 18.2961, 16.3161

Rectangle

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



16.0807, 18.2961, 17.4358



15.8778, 18.2961, 21.2272



18.7683, 18.2961, 22.6325



18.9951, 18.2961, 18.6702

Sweetspot

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



16.0812, 18.2969, 17.4362



31.2579, 33.6188, 35.2921



17.6245, 19.0987, 17.2257



7.0803, 7.6547, 7.9658



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.



16.0812, 18.2969, 17.4362



27.3199, 31.7204, 29.1579



16.4406, 18.4406, 19.3286



3.9622, 4.4545, 4.3350



7.3799, 14.6756, 2.7197



35.0730, 69.9522, 12.2886

Inverse Universe

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



16.9466, 16.4558, 20.3732



29.1887, 27.7444, 35.5002



16.5687, 16.3047, 18.3836



4.1418, 4.0725, 4.9445



11.5642, 5.6018, 16.7939



55.0206, 26.6646, 79.3614

Previews

White Background



This preview shows how the XYZ color 16.0807, 18.2961, 17.4358 looks on a white background.

Color Contrast Check

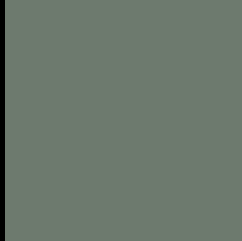
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0807, 18.2961, 17.4358 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

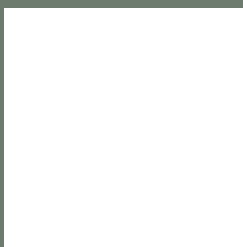
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0807, 18.2961, 17.4358

Background



This preview shows how black text looks on a background with the XYZ color 16.0807, 18.2961, 17.4358.

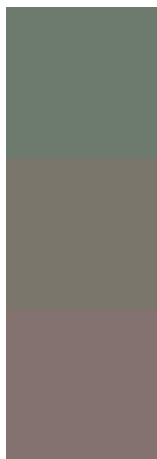


This preview shows how white text looks on a background with the XYZ color 16.0807, 18.2961,

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

16.0807, 18.2961, 17.4358

Protanopia

17.3536, 18.2505, 16.7954

Deuteranopia

18.4577, 18.1100, 17.8520



Tritanopia

17.2414, 18.2234, 23.3776

Trichromacy



Original Color

16.0807, 18.2961, 17.4358

Protanomaly

16.8284, 18.1493, 17.0842

Deuteranomaly

17.5427, 18.1554, 17.6187

Tritanomaly

16.7849, 18.2176, 21.0440

Monochromacy



Original Color

16.0807, 18.2961, 17.4358

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5735, 17.9860, 18.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0807, 18.2961, 17.4358 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(109, 122, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 122, 110)  
}
```

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(109, 122, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 122, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.0807, 18.2961, 17.4358 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(109, 122, 110) }
```


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

```
.border{ border-color:rgb(109, 122, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 122, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 122, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 122, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 122,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0807, 18.2961, 17.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 122, 110) }
```

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

```
.background{ background-color: rgb(109,  
122, 110) }
```

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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