

Converting Colors

XYZ(16.7834, 18.7889, 19.8816)

Have a look what the booklet for
XYZ(16.7834, 18.7889, 19.8816)
contains.

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Color

**XYZ(16.7834, 18.7889,
19.8816)**

Conversions

Conversions Part 1	
Format	Color
Hex	6E7B76
RGB	110, 123, 118
RGB Percent	43%, 48%, 46%
CMY	0.5686, 0.5176, 0.5373
CMYK	0.11, 0.00, 0.04, 0.52
HSL	157°, 6%, 46%
HSV	157°, 11%, 48%
XYZ	16.7834, 18.7889, 19.8816
YIQ	118.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

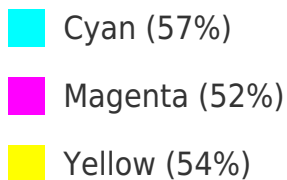
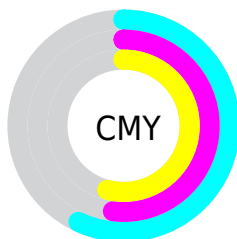
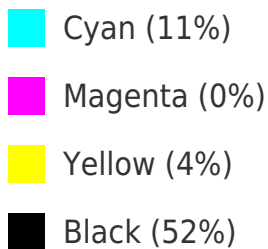
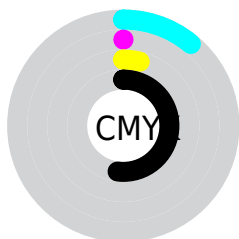
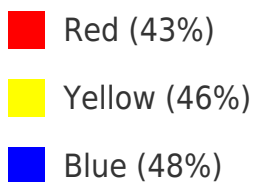
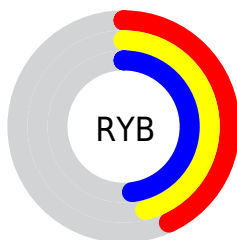
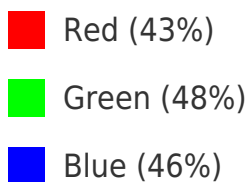
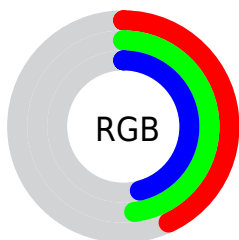
Format	Color
RYB	110, 118, 123
Decimal	7240566
CIELab	50.44, -5.86, 1.09
CIELCh	50, 5.965, 169.510
Yxy	18.7889, 0.3027, 0.3388
Android (android.graphics.Color)	4285430646 (0xFF6E7B76)
YUV	118.5430, -0.2677, -7.4922
Hunter-Lab	43.3462, -6.7416, 3.1478

Details

The XYZ color **16.7834, 18.7889, 19.8816** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8395, 16.6012, 18.5374**, and the grayscale version is **17.3930, 18.2988, 19.9274**.

A 20% lighter version of the original color is **37.4860, 41.2436, 44.0153**, and **5.5409, 6.3639, 6.7307** is the 20% darker color. If you saturate the color by 10%, you get **15.0839, 17.9450, 18.3710**, and if you desaturate by 10%, it is **18.7105, 19.7496, 21.4773**.

Distribution





Brightness & Saturation

Gradients

These gradients show how the XYZ color 16.7834, 18.7889, 19.8816 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 16.7834, 18.7889, 19.8816 by changing the saturation by 10% instead.


 16.7834, 18.7889,
19.8816


 16.7834, 18.7889,
19.8816

227.1017,
245.2809, 263.8564


 10.1745, 11.5178,
12.1258


 37.4996, 41.3771,
44.0749


 5.5780, 6.4163,
6.7058


 52.3376, 57.4630,
61.3496

 2.6284, 3.0998,
3.2032

 70.6493, 77.2560,
82.6342

 0.9605, 1.1841,
1.1993

 92.8001, 101.1405,
108.3474

 0.0000, 0.0486,
0.0000


119.1555,
129.5008, 138.9076


 0.0000, 0.0000,
0.0000


150.0806,


162.7214, 174.7335

185.9409,
201.1866, 216.2436

 16.7834, 18.7889,
19.8816


 16.7834, 18.7889,
19.8816


 15.0839, 17.9450,
18.3710


 18.7105, 19.7496,
21.4773


 13.6015, 17.2109,
16.9428


 20.8722, 20.8290,
23.1582


 12.3274, 16.5825,
15.5959

 23.2767, 22.0319,
24.9263

 11.2511, 16.0546,
14.3286

 25.9318, 23.3623,
26.7828

 10.3617, 15.6215,
13.1393

 28.8446, 24.8239,
28.7291

■ 9.6467, 15.2768,
12.0262

■ 32.0222, 26.4202,
30.7664

■ 9.0924, 15.0135,
10.9875

■ 35.4711, 28.1546,
32.8961

■ 8.6827, 14.8232,
10.0211

■ 39.1979, 30.0305,
35.1194

■ 8.3768, 14.6840,
9.1726

■ 43.2087, 32.0510,
37.4374

Harmonies

Analogous

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



17.0230, 18.7889, 18.4523



16.7834, 18.7889, 19.8816



16.8270, 18.7889, 21.5439

Triad

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



16.7834, 18.7889, 19.8816



18.2335, 18.7889, 23.6204



18.5927, 18.7889, 18.1225

Complementary

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



16.7834, 18.7889, 19.8816



16.8395, 16.6012, 18.5374

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.



18.9309, 18.7889, 19.4091



16.7834, 18.7889, 19.8816



18.7204, 18.7889, 22.6039

Square

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



16.7834, 18.7889, 19.8816



17.6559, 18.7889, 23.7639



18.9781, 18.7889, 21.0453



18.0622, 18.7889, 17.4737

Rectangle

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



16.7834, 18.7889, 19.8816



17.0112, 18.7889, 22.5592



18.9781, 18.7889, 21.0453



18.7331, 18.7889, 18.4914

Sweetspot

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



16.7839, 18.7897, 19.8820



32.6016, 34.9147, 37.7290



16.9946, 18.9509, 17.5144



7.6174, 8.1927, 8.8361



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.



16.7839, 18.7897, 19.8820



29.1776, 33.2099, 34.8431



16.9289, 18.5913, 21.4360



4.0448, 4.4875, 4.7697



8.6627, 15.1887, 9.4744



40.8962, 72.2815, 42.9528

Inverse Universe

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



16.8395, 16.6012, 18.5374



29.3008, 28.3602, 31.8637



16.7007, 16.7717, 17.1093



4.0562, 4.0382, 4.4936



8.9851, 4.5702, 3.2123



42.4713, 21.6448, 13.2776

Previews

White Background



This preview shows how the XYZ color 16.7834, 18.7889, 19.8816 looks on a white background.

Color Contrast Check

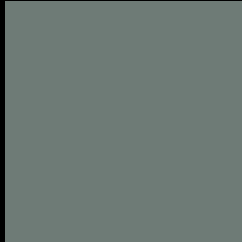
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7834, 18.7889, 19.8816 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

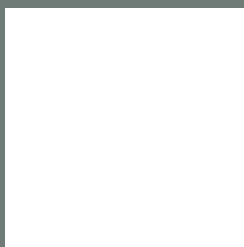
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7834, 18.7889, 19.8816

Background



This preview shows how black text looks on a background with the XYZ color 16.7834, 18.7889, 19.8816.



This preview shows how white text looks on a background with the XYZ color 16.7834, 18.7889,

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

16.7834, 18.7889, 19.8816

Protanopia

17.9176, 18.6656, 19.1815

Deuteranopia

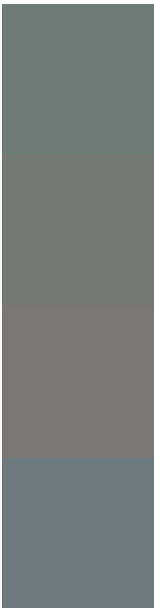
18.9352, 18.6480, 20.0542



Tritanopia

17.6162, 18.7582, 24.1649

Trichromacy



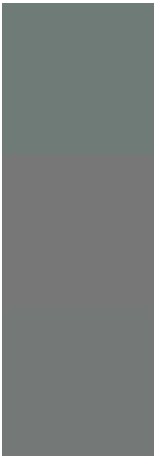
Original Color
16.7834, 18.7889, 19.8816

Protanomaly
17.3986, 18.5688, 19.4968

Deuteranomaly
18.0950, 18.7365, 20.1156

Tritanomaly
17.2810, 18.8049, 22.4576

Monochromacy



Original Color
16.7834, 18.7889, 19.8816

Achromatopsia
17.5343, 18.4475, 20.0893

Achromatomaly
17.2487, 18.4779, 20.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7834, 18.7889, 19.8816 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(110, 123, 118) looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 118)  
}
```

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(110, 123, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.7834, 18.7889, 19.8816 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(110, 123, 118) }
```


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

```
.border{ border-color:rgb(110, 123, 118) }
```

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

Here you see how a box with a 4 pixel rgb(110, 123, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 118);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7834, 18.7889, 19.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 123, 118) }
```

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

```
.background{ background-color: rgb(110,  
123, 118) }
```

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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