

Converting Colors

XYZ(16.5769, 18.6382, 18.7839)

Have a look what the booklet for
XYZ(16.5769, 18.6382, 18.7839)
contains.

XYZ(16.5506, 18.6958, 18.6559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.5506, 18.6958,
18.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7B72
RGB	110, 123, 114
RGB Percent	43%, 48%, 45%
CMY	0.5686, 0.5176, 0.5529
CMYK	0.11, 0.00, 0.07, 0.52
HSL	138°, 6%, 46%
HSV	138°, 11%, 48%
XYZ	16.5506, 18.6958, 18.6559
YIQ	118.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

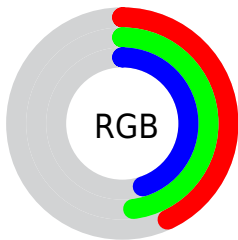
Format	Color
R_{YB}	110, 120, 123
Decimal	7240562
CIE Lab	50.33, -6.69, 3.28
CIE LCh	50, 7.454, 153.912
Yxy	18.6958, 0.3070, 0.3468
Android (android.graphics.Color)	4285430642 (0xFF6E7B72)
YUV	118.0870, -2.0149, -7.0923
Hunter-Lab	43.2386, -7.3426, 4.6856

Details

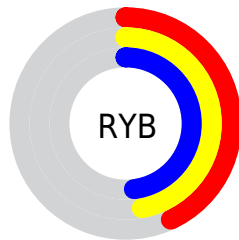
The XYZ color **16.5506, 18.6958, 18.6559** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0747, 16.6952, 19.7762**, and the grayscale version is **17.2547, 18.1533, 19.7690**.

A 20% lighter version of the original color is **37.1132, 41.0945, 42.0524**, and **5.4188, 6.3150, 6.0876** is the 20% darker color. If you saturate the color by 10%, you get **14.6628, 17.7766, 16.1540**, and if you desaturate by 10%, it is **18.6970, 19.7442, 21.4063**.

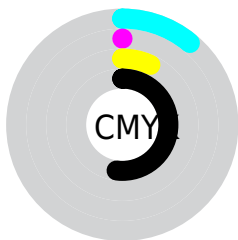
Distribution



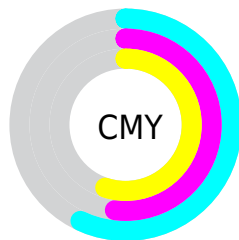
- Red (43%)
- Green (48%)
- Blue (45%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5506, 18.6958, 18.6559 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 16.5506, 18.6958, 18.6559 by changing the saturation by 10% instead.

■ 16.5506, 18.6958,
18.6559

■ 16.5506, 18.6958,
18.6559

225.7762,
244.7642, 256.9016

■ 10.0079, 11.4507,
11.2476

■ 37.1012, 41.2194,
41.9808

■ 5.4665, 6.3708,
6.1174

■ 51.8399, 57.2667,
58.7344

■ 2.5610, 3.0719,
2.8466

■ 70.0413, 77.0169,
79.4403

■ 0.9261, 1.1694,
1.0169

■ 92.0707, 100.8543,
104.5169

■ 0.0000, 0.0365,
0.0000

118.2936,
129.1633, 134.3828

■ 0.0000, 0.0000,
0.0000

149.0752,

162.3284, 169.4565

184.7810,
200.7339, 210.1566

■ 16.5506, 18.6958,
18.6559

■ 16.5506, 18.6958,
18.6559

■ 14.6628, 17.7766,
16.1540

■ 18.6970, 19.7442,
21.4063

■ 13.0223, 16.9792,
13.8926

■ 21.1099, 20.9241,
24.4106

■ 11.6188, 16.2991,
11.8648

■ 23.7987, 22.2407,
27.6755

■ 10.4411, 15.7306,
10.0632

■ 26.7719, 23.6984,
31.2072

■ 9.4768, 15.2676,
8.4797

■ 30.0376, 25.3011,
35.0116

■ 8.7124, 14.9031,
7.1060

■ 33.6036, 27.0527,
39.0943

■ 8.1326, 14.6296,
5.9332

■ 37.4773, 28.9571,
43.4610

■ 7.7200, 14.4382,
4.9516

■ 41.6661, 31.0178,
48.1171

■ 7.4306, 14.3056,
4.1900

■ 46.1768, 33.2382,
53.0677

Harmonies

Analogous

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



17.0056, 18.6958, 17.2288



16.5506, 18.6958, 18.6559



16.4190, 18.6958, 20.6293

Triad

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



16.5506, 18.6958, 18.6559



17.8648, 18.6958, 24.5913



18.9483, 18.6958, 18.2157

Complementary

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



16.5506, 18.6958, 18.6559



17.0747, 16.6952, 19.7762

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.



19.1927, 18.6958, 20.0862



16.5506, 18.6958, 18.6559



18.5565, 18.6958, 23.8416

Square

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



16.5506, 18.6958, 18.6559



17.1656, 18.6958, 24.1446



19.0474, 18.6958, 22.1575



18.3880, 18.6958, 16.9870

Rectangle

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



16.5506, 18.6958, 18.6559



16.5293, 18.6958, 22.0129



19.0474, 18.6958, 22.1575



19.0708, 18.6958, 18.7855

Sweetspot

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



16.5511, 18.6966, 18.6563



32.4739, 34.8636, 37.0565



17.5196, 19.2216, 17.5388



7.5804, 8.1778, 8.6412



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.



16.5511, 18.6966, 18.6563



28.6627, 33.0039, 32.1317



16.9285, 18.8475, 20.6433



3.9970, 4.4684, 4.5179



7.6843, 14.7974, 4.3224



36.3151, 70.4491, 18.8293

Inverse Universe

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



17.0747, 16.6952, 19.7762



29.8228, 28.5691, 34.6127



16.7030, 16.5465, 17.8188



4.1045, 4.0575, 4.7478



10.1504, 5.0363, 9.3491



48.0246, 23.8662, 42.5212

Previews

White Background



This preview shows how the XYZ color 16.5506, 18.6958, 18.6559 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 16.5506, 18.6958, 18.6559 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 16.5506, 18.6958, 18.6559

Background



This preview shows how black text looks on a background with the XYZ color 16.5506, 18.6958, 18.6559.



This preview shows how white text looks on a background with the XYZ color 16.5506, 18.6958,

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

16.5506, 18.6958, 18.6559

Protanopia

17.8336, 18.6486, 17.9888

Deuteranopia

19.0128, 18.7151, 18.8300



Tritanopia

17.6767, 18.7972, 23.8156

Trichromacy



Original Color

16.5506, 18.6958, 18.6559

Protanomaly

17.3049, 18.5471, 18.2907

Deuteranomaly

18.1488, 18.7914, 18.8902

Tritanomaly

17.2797, 18.8190, 21.7905

Monochromacy



Original Color

16.5506, 18.6958, 18.6559

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9976, 18.3621, 19.4780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5506, 18.6958, 18.6559 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.5506, 18.6958, 18.6559 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, 114) }
```


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

```
.border{ border-color:rgb(110, 123, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5506, 18.6958, 18.6559 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, 114) }
```

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

```
.background{ background-color: rgb(110,  
123, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor