

Converting Colors

XYZ(16.6755, 18.0156, 18.7893)

Have a look what the booklet for
XYZ(16.6755, 18.0156, 18.7893)
contains.

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Color

**XYZ(16.6308, 18.0089,
18.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	727773
RGB	114, 119, 115
RGB Percent	45%, 47%, 45%
CMY	0.5529, 0.5333, 0.5490
CMYK	0.04, 0.00, 0.03, 0.53
HSL	132°, 2%, 46%
HSV	132°, 4%, 47%
XYZ	16.6308, 18.0089, 18.8192
YIQ	117.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

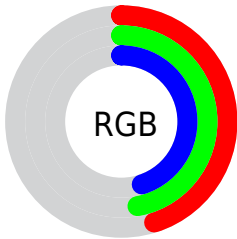
Format	Color
R_YB	114, 118, 119
Decimal	7501683
CIE Lab	49.51, -2.70, 1.54
CIE LCh	50, 3.105, 150.345
Yxy	18.0089, 0.3111, 0.3369
Android (android.graphics.Color)	4285691763 (0xFF727773)
YUV	117.0490, -1.0102, -2.6740
Hunter-Lab	42.4369, -4.3113, 3.4129

Details

The XYZ color **16.6308, 18.0089, 18.8192** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8958, 17.2651, 19.5825**, and the grayscale version is **16.9276, 17.8091, 19.3941**.

A 20% lighter version of the original color is **37.2638, 40.0228, 42.3204**, and **5.5131, 6.0700, 6.1912** is the 20% darker color. If you saturate the color by 10%, you get **14.6626, 17.0549, 16.0134**, and if you desaturate by 10%, it is **18.8580, 19.0910, 21.9334**.

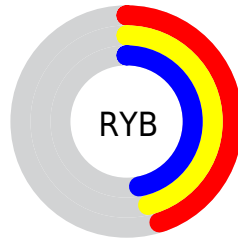
Distribution



Red (45%)

Green (47%)

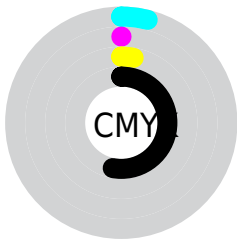
Blue (45%)



Red (45%)

Yellow (46%)

Blue (47%)

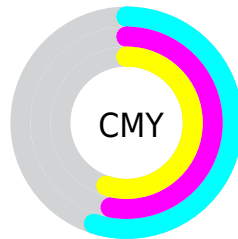


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6308, 18.0089, 18.8192 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 16.6308, 18.0089, 18.8192 by changing the saturation by 10% instead.

■ 16.6308, 18.0089,
18.8192

■ 16.6308, 18.0089,
18.8192

226.2337,
240.9212, 257.8382

■ 10.0653, 10.9564,
11.3642

■ 37.2386, 40.0525,
42.2610

■ 5.5049, 6.0375,
6.1951

■ 52.0115, 55.8123,
59.0849

■ 2.5842, 2.8679,
2.8934

■ 70.2510, 75.2434,
79.8688

■ 0.9379, 1.0632,
1.0405

■ 92.3224, 98.7302,
105.0313

■ 0.0000, 0.0000,
0.0000

118.5909,
126.6569, 134.9910

149.4221,

159.4081, 170.1663

185.1812,
197.3680, 210.9759

■ 16.6308, 18.0089,
18.8192

■ 16.6308, 18.0089,
18.8192

■ 14.6626, 17.0549,
16.0134

■ 18.8580, 19.0910,
21.9334

■ 12.9426, 16.2219,
13.5053

■ 21.3517, 20.3032,
25.3637

■ 11.4611, 15.5057,
11.2856

■ 24.1209, 21.6505,
29.1191

■ 10.2076, 14.9012,
9.3439

■ 27.1736, 23.1369,
33.2078

■ 9.1705, 14.4025,
7.6692

■ 30.5178, 24.7663,
37.6379

■ 8.3372, 14.0035,
6.2497

■ 34.1608, 26.5423,
42.4170

■ 7.6940, 13.6973,
5.0729

■ 38.1099, 28.4686,
47.5526

■ 7.2252, 13.4762,
4.1252

■ 42.3720, 30.5485,
53.0519

■ 6.9092, 13.3291,
3.3912

■ 46.9539, 32.7854,
58.9219

Harmonies

Analogous

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



16.8332, 18.0089, 18.2456



16.6308, 18.0089, 18.8192



16.5584, 18.0089, 19.6184

Triad

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



16.6308, 18.0089, 18.8192



17.1203, 18.0089, 21.2709



17.6090, 18.0089, 18.8028

Complementary

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



16.6308, 18.0089, 18.8192



16.8958, 17.2651, 19.5825

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.



17.6879, 18.0089, 19.5989



16.6308, 18.0089, 18.8192



17.4038, 18.0089, 21.0379

Square

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



16.6308, 18.0089, 18.8192



16.8390, 18.0089, 21.0481



17.6124, 18.0089, 20.4198



17.3979, 18.0089, 18.2363

Rectangle

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



16.6308, 18.0089, 18.8192



16.5928, 18.0089, 20.1764



17.6124, 18.0089, 20.4198



17.6519, 18.0089, 19.0516

Sweetspot

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



16.6313, 18.0097, 18.8196



30.9967, 32.8390, 35.4103



17.1174, 18.2669, 18.5435



7.3529, 7.7859, 8.4018



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.



16.6313, 18.0097, 18.8196



29.4357, 32.0813, 33.2119



16.7723, 18.0661, 19.5622



3.8385, 4.1919, 4.3270



7.1786, 14.0854, 3.2304



34.7294, 68.5390, 14.4120

Inverse Universe

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



16.8958, 17.2651, 19.5825



30.0100, 30.4645, 34.8683



16.7539, 17.2083, 18.8352



3.9177, 3.9689, 4.5554



10.2841, 5.0474, 11.9701



49.8068, 24.4729, 56.7056

Previews

White Background



This preview shows how the XYZ color 16.6308, 18.0089, 18.8192 looks on a white background.

Color Contrast Check

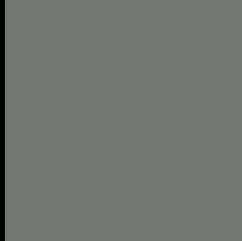
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6308, 18.0089, 18.8192 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

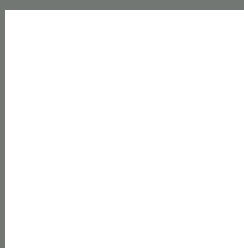
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6308, 18.0089, 18.8192

Background



This preview shows how black text looks on a background with the XYZ color 16.6308, 18.0089, 18.8192.



This preview shows how white text looks on a background with the XYZ color 16.6308, 18.0089,

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

16.6308, 18.0089, 18.8192

Protanopia

17.2837, 18.0024, 18.4835

Deuteranopia

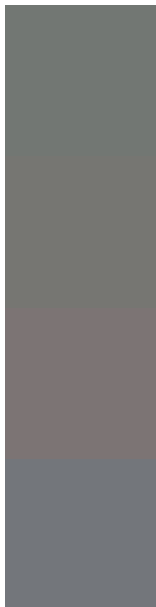
18.2230, 17.9627, 19.0297



Tritanopia

17.3945, 17.9679, 22.6300

Trichromacy



Original Color

16.6308, 18.0089, 18.8192

Protanomaly

16.9869, 18.0233, 18.5031

Deuteranomaly

17.7100, 18.0368, 19.0710

Tritanomaly

17.1238, 18.0318, 21.3168

Monochromacy



Original Color

16.6308, 18.0089, 18.8192

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8333, 17.9308, 19.0968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6308, 18.0089, 18.8192 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, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 115)  
}
```

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, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.6308, 18.0089, 18.8192 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, 119, 115) }
```


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

```
.border{ border-color:rgb(114, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6308, 18.0089, 18.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 115) }
```

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

```
.background{ background-color: rgb(114,  
119, 115) }
```

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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