

Converting Colors

XYZ(15.9681, 17.9777, 17.9759)

Have a look what the booklet for
XYZ(15.9681, 17.9777, 17.9759)
contains.

XYZ(16.0687, 18.0958, 17.9752)	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(16.0687, 18.0958,
17.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7970
RGB	109, 121, 112
RGB Percent	43%, 47%, 44%
CMY	0.5725, 0.5255, 0.5608
CMYK	0.10, 0.00, 0.07, 0.53
HSL	135°, 5%, 45%
HSV	135°, 10%, 47%
XYZ	16.0687, 18.0958, 17.9752
YIQ	116.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

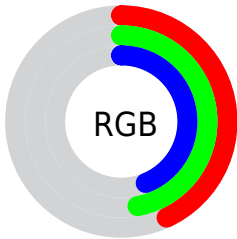
Format	Color
R_{YB}	109, 119, 121
Decimal	7174512
CIE Lab	49.61, -6.34, 3.41
CIE LCh	50, 7.197, 151.731
Yxy	18.0958, 0.3082, 0.3471
Android (android.graphics.Color)	4285364592 (0xFF6D7970)
YUV	116.3860, -2.1623, -6.4775
Hunter-Lab	42.5392, -7.0171, 4.7240

Details

The XYZ color **16.0687, 18.0958, 17.9752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6245, 16.3107, 19.4125**, and the grayscale version is **16.7268, 17.5979, 19.1641**.

A 20% lighter version of the original color is **36.3424, 40.1445, 40.9552**, and **5.1672, 5.9970, 5.7357** is the 20% darker color. If you saturate the color by 10%, you get **14.2013, 17.1891, 15.3817**, and if you desaturate by 10%, it is **18.1930, 19.1300, 20.8474**.

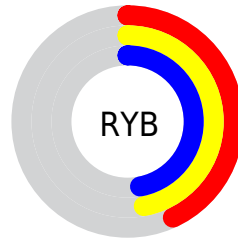
Distribution



Red (43%)

Green (47%)

Blue (44%)



Red (43%)

Yellow (47%)

Blue (47%)

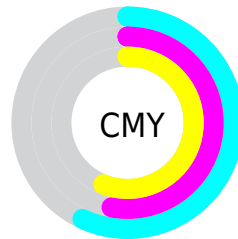


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0687, 18.0958, 17.9752 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 16.0687, 18.0958, 17.9752 by changing the saturation by 10% instead.

■ 16.0687, 18.0958,
17.9752

■ 16.0687, 18.0958,
17.9752

223.0092,
241.4105, 252.9626

■ 9.6639, 11.0188,
10.7629

■ 36.2739, 40.2005,
40.8084

■ 5.2373, 6.0795,
5.7955

■ 50.8051, 55.9970,
57.2665

■ 2.4233, 2.8935,
2.6544

■ 68.7757, 75.4687,
77.6435

■ 0.8568, 1.0764,
0.9203

■ 90.5513, 99.0002,
102.3581

■ 0.0000, 0.0000,
0.0000

116.4970,
126.9756, 131.8288

146.9784,

159.7796, 166.4740

182.3606,
197.7964, 206.7125

■ 16.0687, 18.0958,
17.9752

■ 16.0687, 18.0958,
17.9752

■ 14.2013, 17.1891,
15.3817

■ 18.1930, 19.1300,
20.8474

■ 12.5796, 16.4028,
13.0574

■ 20.5819, 20.2942,
24.0051

■ 11.1934, 15.7325,
10.9941

■ 23.2449, 21.5934,
27.4563

■ 10.0317, 15.1725,
9.1825

■ 26.1903, 23.0318,
31.2083

■ 9.0822, 14.7168,
7.6130

■ 29.4261, 24.6134,
35.2682

■ 8.3315, 14.3586,
6.2752

■ 32.9602, 26.3421,
39.6429

■ 7.7648, 14.0906,
5.1581

■ 36.7998, 28.2215,
44.3389

■ 7.3649, 13.9041,
4.2496

■ 40.9521, 30.2553,
49.3626

■ 7.0774, 13.7714,
3.5350

■ 45.4242, 32.4467,
54.7204

Harmonies

Analogous

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



16.5181, 18.0958, 16.6745



16.0687, 18.0958, 17.9752



15.9201, 18.0958, 19.8170

Triad

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



16.0687, 18.0958, 17.9752



17.2392, 18.0958, 23.7065



18.3408, 18.0958, 17.7908

Complementary

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



16.0687, 18.0958, 17.9752



16.6245, 16.3107, 19.4125

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.



18.5458, 18.0958, 19.5899



16.0687, 18.0958, 17.9752



17.8994, 18.0958, 23.0781

Square

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



16.0687, 18.0958, 17.9752



16.5850, 18.0958, 23.2046



18.3822, 18.0958, 21.5386



17.8290, 18.0958, 16.5731

Rectangle

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



16.0687, 18.0958, 17.9752



16.0083, 18.0958, 21.1287



18.3822, 18.0958, 21.5386



18.4484, 18.0958, 18.3434

Sweetspot

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



16.0692, 18.0966, 17.9756



31.3263, 33.6462, 35.6526



17.0968, 18.6453, 17.1661



7.0994, 7.6624, 8.0666



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.



16.0692, 18.0966, 17.9756



27.9369, 31.9975, 31.0373



16.4028, 18.2300, 19.7322



3.9882, 4.4649, 4.4717



7.5777, 14.7547, 3.7611



35.8520, 70.2638, 16.3906

Inverse Universe

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



16.6245, 16.3107, 19.4125



29.1508, 28.0933, 34.1782



16.2902, 16.1770, 17.6520



4.1137, 4.0612, 4.7965



10.4578, 5.1593, 10.9678



49.5310, 24.4687, 50.4537

Previews

White Background



This preview shows how the XYZ color 16.0687, 18.0958, 17.9752 looks on a white background.

Color Contrast Check

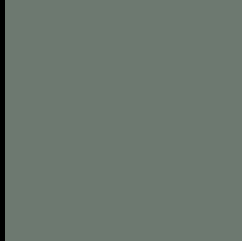
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0687, 18.0958, 17.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

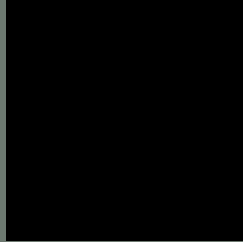
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0687, 18.0958, 17.9752

Background



This preview shows how black text looks on a background with the XYZ color 16.0687, 18.0958, 17.9752.



This preview shows how white text looks on a background with the XYZ color 16.0687, 18.0958,

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

16.0687, 18.0958, 17.9752

Protanopia

17.2018, 17.9859, 17.3169

Deuteranopia

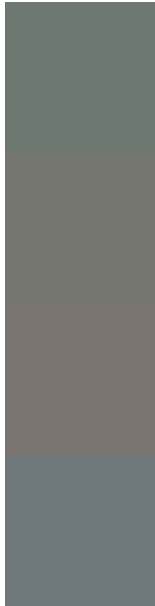
18.3580, 18.0522, 18.1396



Tritanopia

17.1752, 18.1969, 23.0292

Trichromacy



Original Color

16.0687, 18.0958, 17.9752

Protanomaly

16.6838, 17.8865, 17.6120

Deuteranomaly

17.5103, 18.1258, 18.1985

Tritanomaly

16.7849, 18.2176, 21.0440

Monochromacy



Original Color

16.0687, 18.0958, 17.9752

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3830, 17.7054, 18.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0687, 18.0958, 17.9752 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, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 112)  
}
```

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, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.0687, 18.0958, 17.9752 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, 121, 112) }
```


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

```
.border{ border-color:rgb(109, 121, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 121, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0687, 18.0958, 17.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 112) }
```

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

```
.background{ background-color: rgb(109,  
121, 112) }
```

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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