

Converting Colors

XYZ(17.6005, 19.1640, 19.2213)

Have a look what the booklet for
XYZ(17.6005, 19.1640, 19.2213)
contains.

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Color

**XYZ(17.7066, 19.2784,
19.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	767B74
RGB	118, 123, 116
RGB Percent	46%, 48%, 45%
CMY	0.5372, 0.5176, 0.5451
CMYK	0.04, 0.00, 0.06, 0.52
HSL	103°, 3%, 47%
HSV	103°, 6%, 48%
XYZ	17.7066, 19.2784, 19.3109
YIQ	120.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

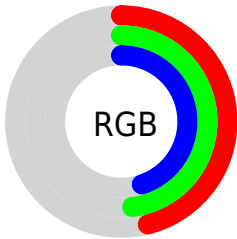
Format	Color
R_{YB}	116, 123, 121
Decimal	7764852
CIE _{Lab}	51.01, -3.28, 3.17
CIE _{LCh}	51, 4.560, 135.981
Yxy	19.2784, 0.3145, 0.3424
Android (android.graphics.Color)	4285954932 (0xFF767B74)
YUV	120.7070, -2.3206, -2.3740
Hunter-Lab	43.9072, -4.8532, 4.6586

Details

The XYZ color **17.7066, 19.2784, 19.3109** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7064, 17.9863, 21.2783**, and the grayscale version is **18.0873, 19.0293, 20.7229**.

A 20% lighter version of the original color is **38.9754, 42.0331, 43.1048**, and **6.0180, 6.6170, 6.4289** is the 20% darker color. If you saturate the color by 10%, you get **15.9000, 18.4249, 15.7355**, and if you desaturate by 10%, it is **19.7203, 20.2288, 23.3914**.

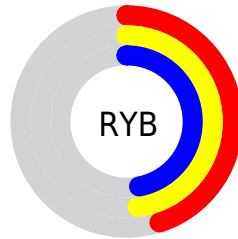
Distribution



Red (46%)

Green (48%)

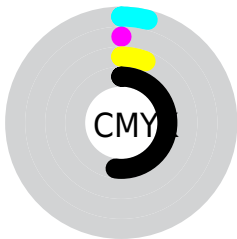
Blue (45%)



Red (45%)

Yellow (48%)

Blue (47%)

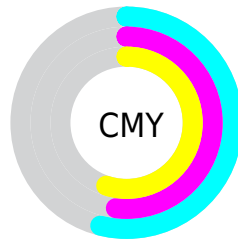


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7066, 19.2784, 19.3109 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 17.7066, 19.2784, 19.3109 by changing the saturation by 10% instead.

■ 17.7066, 19.2784,
19.3109

■ 17.7066, 19.2784,
19.3109

232.2898,
247.9814, 260.6395

■ 10.8380, 11.8716,
11.7161

■ 39.0708, 42.2040,
43.1025

■ 6.0245, 6.6563,
6.4305

■ 54.2970, 58.4916,
60.1363

■ 2.9008, 3.2481,
3.0356

■ 73.0398, 78.5083,
81.1535

■ 1.1015, 1.2626,
1.1128

95.6645, 102.6384,
106.5726

■ 0.0264, 0.1120,
0.0000

122.5365,
131.2664, 136.8123

■ 0.0000, 0.0000,
0.0000

154.0211,

164.7766, 172.2909

190.4838,
203.5535, 213.4271

■ 17.7066, 19.2784,
19.3109

■ 17.7066, 19.2784,
19.3109

■ 15.9000, 18.4249,
15.7355

■ 19.7203, 20.2288,
23.3914

■ 14.2920, 17.6627,
12.6443

■ 21.9457, 21.2765,
27.9943

■ 12.8762, 16.9895,
10.0169

■ 24.3897, 22.4251,
33.1375

■ 11.6450, 16.4019,
7.8309

■ 27.0579, 23.6772,
38.8379

■ 10.5903, 15.8963,
6.0620

■ 29.9561, 25.0354,
45.1115

■ 9.7035, 15.4687,
4.6836

■ 33.0897, 26.5022,
51.9737

■ 8.9751, 15.1150,
3.6660

■ 36.4639, 28.0799,
59.4392

■ 8.3945, 14.8303,
2.9753

■ 40.0838, 29.7709,
67.5224

■ 7.9461, 14.6081,
2.5530

■ 43.9543, 31.5773,
76.2371

Harmonies

Analogous

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



18.0857, 19.2784, 18.6913



17.7066, 19.2784, 19.3109



17.4945, 19.2784, 20.3946

Triad

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



17.7066, 19.2784, 19.3109



18.1141, 19.2784, 23.4955



19.1705, 19.2784, 20.3141

Complementary

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



17.7066, 19.2784, 19.3109



17.7064, 17.9863, 21.2783

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.



19.1784, 19.2784, 21.5987



17.7066, 19.2784, 19.3109



18.5635, 19.2784, 23.4718

Square

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



17.7066, 19.2784, 19.3109



17.7271, 19.2784, 22.8292



18.9546, 19.2784, 22.7656



18.9332, 19.2784, 19.2541

Rectangle

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



17.7066, 19.2784, 19.3109



17.4740, 19.2784, 21.2509



18.9546, 19.2784, 22.7656



19.2002, 19.2784, 20.7330

Sweetspot

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



17.7071, 19.2792, 19.3113



32.9774, 35.1220, 37.1354



18.1467, 19.1231, 19.2580



7.7791, 8.2776, 8.7710



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.



17.7071, 19.2792, 19.3113



31.2057, 34.2855, 33.5764



17.5205, 19.1735, 19.7311



4.1284, 4.5380, 4.4388



8.0442, 15.0242, 2.4760



37.6331, 71.2860, 11.7761

Inverse Universe

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



17.7064, 17.9863, 21.2783



31.2039, 31.3962, 37.9721



17.9026, 18.0975, 20.8331



4.1282, 4.1515, 5.0269



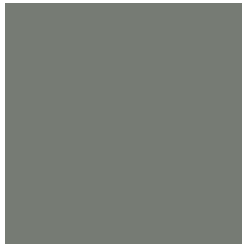
7.8429, 3.6159, 19.6699



36.5420, 16.8001, 93.7866

Previews

White Background



This preview shows how the XYZ color 17.7066, 19.2784, 19.3109 looks on a white background.

Color Contrast Check

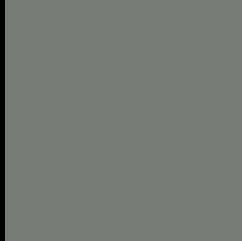
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7066, 19.2784, 19.3109 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

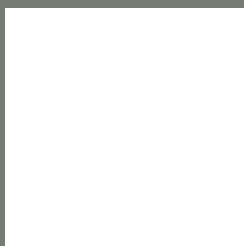
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7066, 19.2784, 19.3109

Background



This preview shows how black text looks on a background with the XYZ color 17.7066, 19.2784, 19.3109.



This preview shows how white text looks on a background with the XYZ color 17.7066, 19.2784,

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

17.7066, 19.2784, 19.3109

Protanopia

18.3893, 19.2725, 18.9704

Deuteranopia

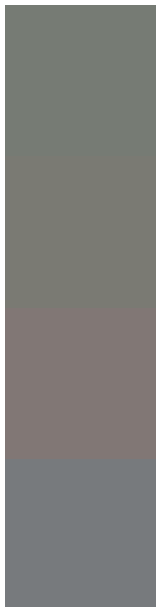
19.5638, 19.1578, 19.4963



Tritanopia

18.6124, 19.2795, 23.8594

Trichromacy



Original Color

17.7066, 19.2784, 19.3109

Protanomaly

18.0801, 19.2944, 18.9909

Deuteranomaly

18.8610, 19.1451, 19.5309

Tritanomaly

18.2690, 19.3217, 22.1686

Monochromacy



Original Color

17.7066, 19.2784, 19.3109

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0350, 19.2440, 20.2167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7066, 19.2784, 19.3109 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(118, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 123, 116)  
}
```

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(118, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 123, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.7066, 19.2784, 19.3109 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(118, 123, 116) }
```


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

```
.border{ border-color:rgb(118, 123, 116) }
```

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

Here you see how a box with a 4 pixel rgb(118, 123, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(118, 123,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7066, 19.2784, 19.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 123, 116) }
```

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

```
.background{ background-color: rgb(118,  
123, 116) }
```

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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