

Converting Colors

XYZ(17.1659, 18.4204, 19.5837)

Have a look what the booklet for
XYZ(17.1659, 18.4204, 19.5837)
contains.

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Color

**XYZ(17.1298, 18.4303,
19.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	747875
RGB	116, 120, 117
RGB Percent	45%, 47%, 46%
CMY	0.5451, 0.5294, 0.5412
CMYK	0.03, 0.00, 0.03, 0.53
HSL	135°, 2%, 46%
HSV	135°, 3%, 47%
XYZ	17.1298, 18.4303, 19.4842
YIQ	118.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

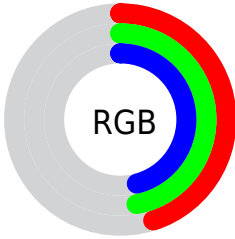
Format	Color
R_{YB}	116, 119, 120
Decimal	7633013
CIE _{Lab}	50.01, -2.11, 1.11
CIE _{LCh}	50, 2.390, 152.228
Yxy	18.4303, 0.3112, 0.3348
Android (android.graphics.Color)	4285823093 (0xFF747875)
YUV	118.4620, -0.7208, -2.1592
Hunter-Lab	42.9305, -3.9048, 3.1424

Details

The XYZ color **17.1298, 18.4303, 19.4842** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3215, 17.8162, 19.9795**, and the grayscale version is **17.3678, 18.2723, 19.8985**.

A 20% lighter version of the original color is **38.0624, 40.6945, 43.3848**, and **5.7754, 6.2933, 6.5406** is the 20% darker color. If you saturate the color by 10%, you get **15.1326, 17.4594, 16.7597**, and if you desaturate by 10%, it is **19.3851, 19.5293, 22.4872**.

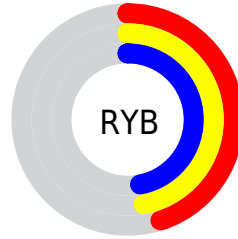
Distribution



Red (45%)

Green (47%)

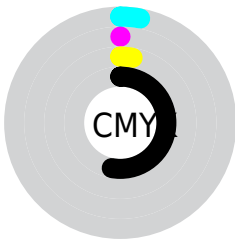
Blue (46%)



Red (45%)

Yellow (47%)

Blue (47%)

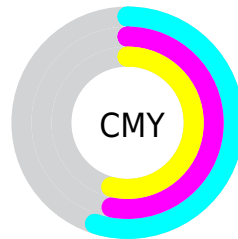


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1298, 18.4303, 19.4842 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 17.1298, 18.4303, 19.4842 by changing the saturation by 10% instead.

■ 17.1298, 18.4303,
19.4842

■ 17.1298, 18.4303,
19.4842

229.0610,
243.2854, 261.6202

■ 10.4230, 11.2594,
11.8403

■ 38.0906, 40.7692,
43.3982

■ 5.7447, 6.2416,
6.5138

■ 53.0753, 56.7059,
60.5055

■ 2.7296, 2.9925,
3.0862

■ 71.5500, 76.3334,
81.6043

■ 1.0125, 1.1278,
1.1388

93.8801, 100.0360,
107.1131

■ 0.0000, 0.0015,
0.0000

120.4309,
128.1981, 137.4506

■ 0.0000, 0.0000,
0.0000

151.5677,

161.2041, 173.0352

187.6559,
199.4384, 214.2856

■ 17.1298, 18.4303,
19.4842

■ 17.1298, 18.4303,
19.4842

■ 15.1326, 17.4594,
16.7597

■ 19.3851, 19.5293,
22.4872

■ 13.3825, 16.6098,
14.3047

■ 21.9057, 20.7586,
25.7751

■ 11.8704, 15.8773,
12.1113

■ 24.7004, 22.1230,
29.3556

■ 10.5858, 15.2566,
10.1708

■ 27.7773, 23.6265,
33.2357

■ 9.5172, 14.7422,
8.4740

■ 31.1440, 25.2729,
37.4222

■ 8.6525, 14.3279,
7.0113

■ 34.8079, 27.0659,
41.9216

■ 7.9781, 14.0070,
5.7723

■ 38.7761, 29.0091,
46.7403

■ 7.4788, 13.7718,
4.7459

■ 43.0555, 31.1057,
51.8845

■ 7.1352, 13.6126,
3.9198

■ 47.6527, 33.3592,
57.3602

Harmonies

Analogous

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



17.2831, 18.4303, 19.0170



17.1298, 18.4303, 19.4842



17.0801, 18.4303, 20.1167

Triad

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



17.1298, 18.4303, 19.4842



17.5346, 18.4303, 21.3573



17.8935, 18.4303, 19.4009

Complementary

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



17.1298, 18.4303, 19.4842



17.3215, 17.8162, 19.9795

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.



17.9622, 18.4303, 20.0184



17.1298, 18.4303, 19.4842



17.7539, 18.4303, 21.1559

Square

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



17.1298, 18.4303, 19.4842



17.3126, 18.4303, 21.2069



17.9109, 18.4303, 20.6623



17.7239, 18.4303, 18.9696

Rectangle

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



17.1298, 18.4303, 19.4842



17.1120, 18.4303, 20.5495



17.9109, 18.4303, 20.6623



17.9292, 18.4303, 19.5931

Sweetspot

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



17.1303, 18.4311, 19.4846



31.0032, 32.8416, 35.4445



17.4865, 18.6215, 19.1959



7.3544, 7.7865, 8.4093



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.



17.1303, 18.4311, 19.4846



29.8439, 32.2772, 33.8856



17.2453, 18.4771, 20.0900



4.2195, 4.5774, 4.7859



7.5776, 14.7547, 3.7607



35.8517, 70.2637, 16.3890

Inverse Universe

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



17.3215, 17.8162, 19.9795



30.2551, 30.9549, 34.9499



17.2065, 17.7702, 19.3737



4.2841, 4.3696, 4.9532



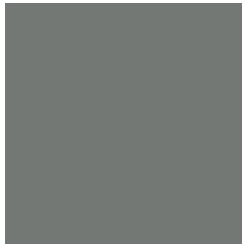
10.4581, 5.1594, 10.9690



49.5321, 24.4692, 50.4596

Previews

White Background



This preview shows how the XYZ color 17.1298, 18.4303, 19.4842 looks on a white background.

Color Contrast Check

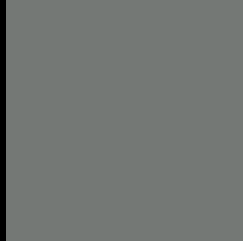
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1298, 18.4303, 19.4842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

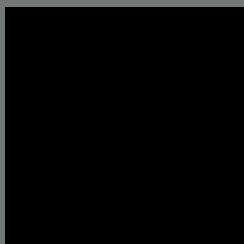
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

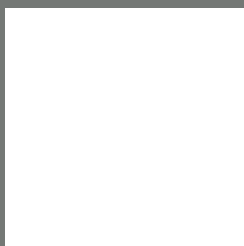
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1298, 18.4303, 19.4842

Background



This preview shows how black text looks on a background with the XYZ color 17.1298, 18.4303, 19.4842.



This preview shows how white text looks on a background with the XYZ color 17.1298, 18.4303,

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

17.1298, 18.4303, 19.4842

Protanopia

17.6569, 18.3554, 19.1353

Deuteranopia

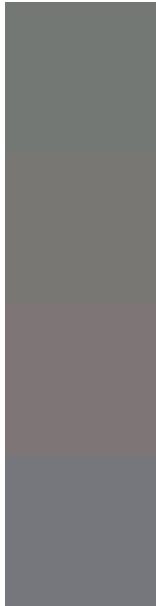
18.7608, 18.3948, 19.7013



Tritanopia

17.8459, 18.3669, 23.0267

Trichromacy



Original Color

17.1298, 18.4303, 19.4842

Protanomaly

17.4949, 18.4477, 19.1617

Deuteranomaly

18.2355, 18.4662, 19.7428

Tritanomaly

17.5710, 18.4308, 21.7002

Monochromacy



Original Color

17.1298, 18.4303, 19.4842

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2030, 18.2836, 19.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1298, 18.4303, 19.4842 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(116, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 117)  
}
```

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(116, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.1298, 18.4303, 19.4842 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(116, 120, 117) }
```


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

```
.border{ border-color:rgb(116, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 120,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1298, 18.4303, 19.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 117) }
```

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

```
.background{ background-color: rgb(116,  
120, 117) }
```

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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