

Converting Colors

XYZ(17.0510, 18.3555, 19.8098)

Have a look what the booklet for
XYZ(17.0510, 18.3555, 19.8098)
contains.

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Color

**XYZ(17.0567, 18.3858,
19.7894)**

Conversions

Conversions Part 1

Format	Color
Hex	737876
RGB	115, 120, 118
RGB Percent	45%, 47%, 46%
CMY	0.5490, 0.5294, 0.5373
CMYK	0.04, 0.00, 0.02, 0.53
HSL	156°, 2%, 46%
HSV	156°, 4%, 47%
XYZ	17.0567, 18.3858, 19.7894
YIQ	118.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

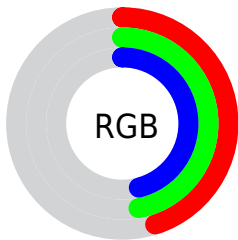
Format	Color
R_{YB}	115, 118, 120
Decimal	7567478
CIE _{Lab}	49.96, -2.29, 0.44
CIE _{LCh}	50, 2.329, 169.198
Yxy	18.3858, 0.3088, 0.3329
Android (android.graphics.Color)	4285757558 (0xFF737876)
YUV	118.2770, -0.1366, -2.8739
Hunter-Lab	42.8787, -4.0322, 2.6515

Details

The XYZ color **17.0567, 18.3858, 19.7894** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0880, 17.5393, 19.3152**, and the grayscale version is **17.3081, 18.2095, 19.8301**.

A 20% lighter version of the original color is **37.9446, 40.6228, 43.8713**, and **5.7376, 6.2702, 6.7022** is the 20% darker color. If you saturate the color by 10%, you get **15.3022, 17.5140, 18.2554**, and if you desaturate by 10%, it is **19.0322, 19.3709, 21.4104**.

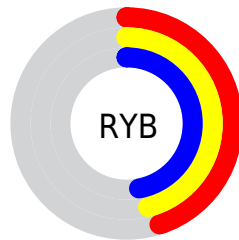
Distribution



Red (45%)

Green (47%)

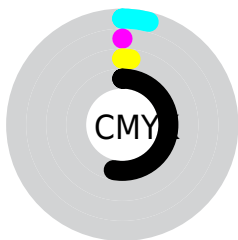
Blue (46%)



Red (45%)

Yellow (46%)

Blue (47%)

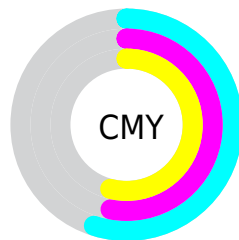


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0567, 18.3858, 19.7894 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 17.0567, 18.3858, 19.7894 by changing the saturation by 10% instead.

■ 17.0567, 18.3858,
19.7894

■ 17.0567, 18.3858,
19.7894

228.6488,
243.0367, 263.3391

■ 10.3705, 11.2273,
12.0595

■ 37.9661, 40.6936,
43.9181

■ 5.7094, 6.2200,
6.6612

■ 52.9199, 56.6118,
61.1540

■ 2.7082, 2.9793,
3.1759

■ 71.3603, 76.2186,
82.3957

■ 1.0014, 1.1209,
1.1851

■ 93.6527, 99.8985,
108.0617

■ 0.0000, 0.0000,
0.0000

120.1624,
128.0359, 138.5704

151.2547,

161.0151, 174.3406

187.2951,
199.2206, 215.7906

■ 17.0567, 18.3858,
19.7894

■ 17.0567, 18.3858,
19.7894

■ 15.3022, 17.5140,
18.2554

■ 19.0322, 19.3709,
21.4104

■ 13.7591, 16.7490,
16.8057

■ 21.2349, 20.4709,
23.1186

■ 12.4193, 16.0871,
15.4391

■ 23.6725, 21.6903,
24.9158

■ 11.2736, 15.5238,
14.1541

■ 26.3520, 23.0326,
26.8035

■ 10.3122, 15.0538,
12.9489

■ 29.2801, 24.5013,
28.7829

■ 9.5240, 14.6716,
11.8219

■ 32.4631, 26.0996,
30.8554

■ 8.8971, 14.3711,
10.7711

■ 35.9072, 27.8307,
33.0222

■ 8.4178, 14.1451,
9.7948

■ 39.6183, 29.6977,
35.2846

■ 8.0668, 13.9838,
8.8906

■ 43.6022, 31.7034,
37.6438

Harmonies

Analogous

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



17.1521, 18.3858, 19.2260



17.0567, 18.3858, 19.7894



17.0727, 18.3858, 20.4262

Triad

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



17.0567, 18.3858, 19.7894



17.6168, 18.3858, 21.2031



17.7573, 18.3858, 19.1024

Complementary

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



17.0567, 18.3858, 19.7894



17.0880, 17.5393, 19.3152

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.



17.8839, 18.3858, 19.6173



17.0567, 18.3858, 19.7894



17.8023, 18.3858, 20.8335

Square

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



17.0567, 18.3858, 19.7894



17.3948, 18.3858, 21.2516



17.9004, 18.3858, 20.2504



17.5558, 18.3858, 18.8350

Rectangle

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



17.0567, 18.3858, 19.7894



17.1445, 18.3858, 20.8064



17.9004, 18.3858, 20.2504



17.8101, 18.3858, 19.2517

Sweetspot

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



17.0572, 18.3866, 19.7898



31.0488, 32.8598, 35.6845



17.1589, 18.4593, 18.8785



7.3644, 7.7905, 8.4620



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.



17.0572, 18.3866, 19.7898



29.6881, 32.1822, 34.5410



17.1275, 18.3346, 20.4065



4.2055, 4.5677, 4.8977



8.5953, 15.1618, 9.1199



40.5716, 72.1517, 41.2437

Inverse Universe

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



17.0880, 17.5393, 19.3152



29.7542, 30.3623, 33.5216



17.0191, 17.5880, 18.7176



4.2155, 4.2929, 4.7438



9.0260, 4.5866, 3.4280



42.6587, 21.7198, 14.2647

Previews

White Background



This preview shows how the XYZ color 17.0567, 18.3858, 19.7894 looks on a white background.

Color Contrast Check

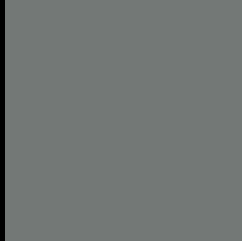
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0567, 18.3858, 19.7894 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

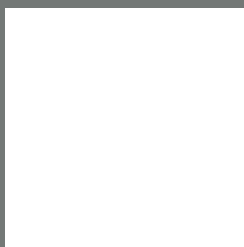
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0567, 18.3858, 19.7894

Background



This preview shows how black text looks on a background with the XYZ color 17.0567, 18.3858, 19.7894.



This preview shows how white text looks on a background with the XYZ color 17.0567, 18.3858,

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

17.0567, 18.3858, 19.7894

Protanopia

17.5745, 18.3062, 19.4368

Deuteranopia

18.6664, 18.3392, 20.0088



Tritanopia

17.7108, 18.2973, 23.0203

Trichromacy



Original Color

17.0567, 18.3858, 19.7894

Protanomaly

17.4155, 18.3999, 19.4633

Deuteranomaly

18.1485, 18.4145, 20.0506

Tritanomaly

17.4374, 18.3619, 21.6939

Monochromacy



Original Color

17.0567, 18.3858, 19.7894

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 17.0567, 18.3858, 19.7894 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(115, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 120, 118)  
}
```

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(115, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 120, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.0567, 18.3858, 19.7894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

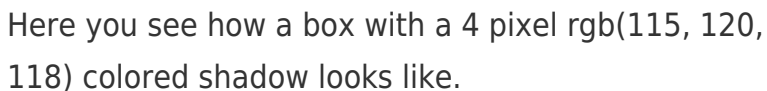
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 120, 118) }
```


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

```
.border{ border-color:rgb(115, 120, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 120, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 120, 118); box-shadow:4px 4px 4px 4px rgb(115, 120, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0567, 18.3858, 19.7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 120, 118) }
```

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

```
.background{ background-color: rgb(115,  
120, 118) }
```

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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