

Converting Colors

XYZ(17.2014, 18.0178, 19.3108)

Have a look what the booklet for
XYZ(17.2014, 18.0178, 19.3108)
contains.

XYZ(17.1799, 17.9289, 19.3848)	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(17.1799, 17.9289,
19.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	777575
RGB	119, 117, 117
RGB Percent	47%, 46%, 46%
CMY	0.5333, 0.5412, 0.5412
CMYK	0.00, 0.02, 0.02, 0.53
HSL	0°, 1%, 46%
HSV	0°, 2%, 47%
XYZ	17.1799, 17.9289, 19.3848
YIQ	117.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

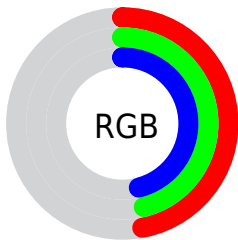
Format	Color
R_{YB}	119, 117, 117
Decimal	7828853
CIE Lab	49.41, 0.76, 0.26
CIE LCh	49, 0.809, 19.042
Yxy	17.9289, 0.3153, 0.3290
Android (android.graphics.Color)	4286018933 (0xFF777575)
YUV	117.5980, -0.2948, 1.2296
Hunter-Lab	42.3425, -1.6755, 2.4963

Details

The XYZ color **17.1799, 17.9289, 19.3848** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2626, 18.3071, 20.0767**, and the grayscale version is **17.0954, 17.9857, 19.5864**.

A 20% lighter version of the original color is **38.1440, 39.8984, 43.2269**, and **5.8008, 6.0255, 6.4875** is the 20% darker color. If you saturate the color by 10%, you get **15.2263, 15.0709, 15.4983**, and if you desaturate by 10%, it is **19.3994, 21.1758, 23.7993**.

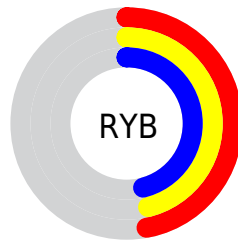
Distribution



Red (47%)

Green (46%)

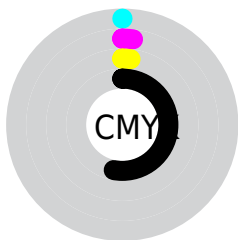
Blue (46%)



Red (47%)

Yellow (46%)

Blue (46%)

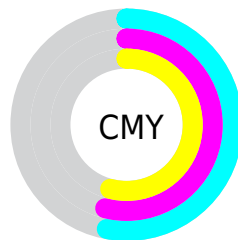


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1799, 17.9289, 19.3848 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 17.1799, 17.9289, 19.3848 by changing the saturation by 10% instead.

■ 17.1799, 17.9289,
19.3848

■ 17.1799, 17.9289,
19.3848

229.3430,
240.4700, 261.0581

■ 10.4589, 10.8990,
11.7690

■ 38.1760, 39.9161,
43.2286

■ 5.7689, 5.9989,
6.4660

■ 53.1818, 55.6422,
60.2938

■ 2.7444, 2.8444,
3.0571

■ 71.6799, 75.0358,
81.3458

■ 1.0201, 1.0511,
1.1239

94.0358, 98.4813,
106.8033

■ 0.0000, 0.0000,
0.0000

120.6146,
126.3630, 137.0847

151.7819,

159.0655, 172.6086

187.9029,
196.9730, 213.7935

■ 17.1799, 17.9289,
19.3848

■ 17.1799, 17.9289,
19.3848

■ 15.2263, 15.0709,
15.4983

■ 19.3994, 21.1758,
23.7993

■ 13.5271, 12.5850,
12.1188

■ 21.8927, 24.8230,
28.7592

■ 12.0723, 10.4566,
9.2259

■ 24.6690, 28.8843,
34.2827

■ 10.8508, 8.6693,
6.7971

■ 27.7371, 33.3721,
40.3868

■ 9.8504, 7.2054,
4.8083

■ 31.1050, 38.2984,
47.0877

■ 9.0578, 6.0455,
3.2332

■ 34.7805, 43.6746,
54.4009

■ 8.4585, 5.1682,
2.0426

■ 38.7712, 49.5118,
62.3416

■ 8.0359, 4.5495,
1.2036

■ 43.0843, 55.8205,
70.9242

■ 7.7708, 4.1613,
0.6779

■ 47.7270, 62.6112,
80.1627

Harmonies

Analogous

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



17.1853, 17.9289, 19.6015



17.1799, 17.9289, 19.3848



17.1372, 17.9289, 19.2060

Triad

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



17.1799, 17.9289, 19.3848



16.9304, 17.9289, 19.2475



17.0130, 17.9289, 19.9368

Complementary

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



17.1799, 17.9289, 19.3848



17.2626, 18.3071, 20.0767

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.



16.9449, 17.9289, 19.8405



17.1799, 17.9289, 19.3848



16.8973, 17.9289, 19.4418

Square

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



17.1799, 17.9289, 19.3848



16.9931, 17.9289, 19.1271



16.9026, 17.9289, 19.6589



17.0888, 17.9289, 19.9213

Rectangle

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



17.1799, 17.9289, 19.3848



17.0934, 17.9289, 19.1319



16.9026, 17.9289, 19.6589



16.9885, 17.9289, 19.9164

Sweetspot

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



17.1804, 17.9297, 19.3852



31.0106, 32.4660, 35.2016



17.2990, 17.9767, 20.0110



7.3560, 7.7041, 8.3559



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.



17.1804, 17.9297, 19.3852



30.6271, 31.9049, 34.4387



17.2973, 18.1634, 19.4241



4.0203, 4.1931, 4.5310



8.0843, 4.1698, 0.3788



39.3916, 20.3117, 1.8444

Inverse Universe

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



17.2626, 18.3071, 20.0767



30.8064, 32.7279, 35.9465



17.1446, 18.0709, 20.0373



4.0410, 4.2880, 4.7049



10.5294, 15.3985, 20.9598



51.3065, 75.0296, 102.1383

Previews

White Background



This preview shows how the XYZ color 17.1799, 17.9289, 19.3848 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 17.1799, 17.9289, 19.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

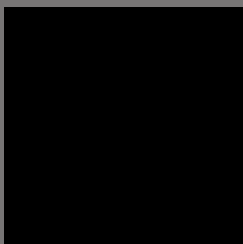
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

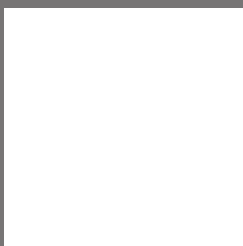
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1799, 17.9289, 19.3848

Background



This preview shows how black text looks on a background with the XYZ color 17.1799, 17.9289, 19.3848.



This preview shows how white text looks on a background with the XYZ color 17.1799, 17.9289,

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

17.1799, 17.9289, 19.3848

Protanopia

17.3179, 18.0000, 19.3912

Deuteranopia

18.3406, 18.0098, 19.6491



Tritanopia

17.6928, 17.9645, 21.9370

Trichromacy

**Original Color**

17.1799, 17.9289, 19.3848

Protanomaly

17.3179, 18.0000, 19.3912

Deuteranomaly

17.8582, 17.9294, 19.6590

Tritanomaly

17.5040, 17.8890, 20.9427

Monochromacy

**Original Color**

17.1799, 17.9289, 19.3848

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2197, 18.1164, 19.7288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1799, 17.9289, 19.3848 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(119, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(119, 117, 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(119, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 117, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.1799, 17.9289, 19.3848 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(119, 117, 117) }
```


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

```
.border{ border-color:rgb(119, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(119, 117,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1799, 17.9289, 19.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 117, 117) }
```

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

```
.background{ background-color: rgb(119,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor