

Converting Colors

XYZ(17.2221, 16.7166, 19.8812)

Have a look what the booklet for
XYZ(17.2221, 16.7166, 19.8812)
contains.

XYZ(17.2179, 16.7689, 19.7820)	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(17.2179, 16.7689,
19.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6E77
RGB	124, 110, 119
RGB Percent	49%, 43%, 47%
CMY	0.5137, 0.5686, 0.5333
CMYK	0.00, 0.11, 0.04, 0.51
HSL	321°, 6%, 46%
HSV	321°, 11%, 49%
XYZ	17.2179, 16.7689, 19.7820
YIQ	115.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

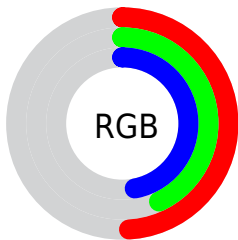
Format	Color
R_{YB}	124, 110, 119
Decimal	8154743
CIE Lab	47.97, 7.19, -2.99
CIE LCh	48, 7.785, 337.445
Yxy	16.7689, 0.3202, 0.3119
Android (android.graphics.Color)	4286344823 (0xFF7C6E77)
YUV	115.2120, 1.8675, 7.7071
Hunter-Lab	40.9498, 3.3904, 0.0232

Details

The XYZ color **17.2179, 16.7689, 19.7820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7332, 18.9686, 19.0000**, and the grayscale version is **16.3538, 17.2055, 18.7368**.

A 20% lighter version of the original color is **38.4025, 38.1280, 43.8635**, and **5.7616, 5.3960, 6.6991** is the 20% darker color. If you saturate the color by 10%, you get **15.7128, 14.1744, 17.9984**, and if you desaturate by 10%, it is **18.9236, 19.7443, 21.6940**.

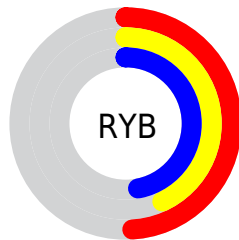
Distribution



Red (49%)

Green (43%)

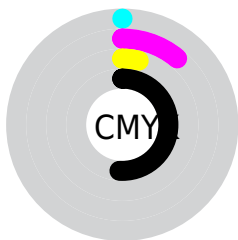
Blue (47%)



Red (49%)

Yellow (43%)

Blue (47%)

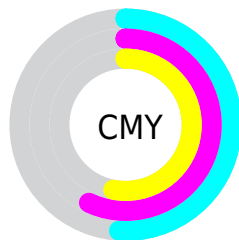


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2179, 16.7689, 19.7820 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 17.2179, 16.7689, 19.7820 by changing the saturation by 10% instead.

■ 17.2179, 16.7689,
19.7820

■ 17.2179, 16.7689,
19.7820

229.5568,
233.8371, 263.2976

■ 10.4862, 10.0699,
12.0542

■ 38.2407, 37.9280,
43.9055

■ 5.7872, 5.4453,
6.6576

■ 53.2625, 53.1569,
61.1383

■ 2.7556, 2.5108,
3.1737

■ 71.7784, 71.9978,
82.3766

■ 1.0259, 0.8821,
1.1840

■ 94.1537, 94.8351,
108.0387

■ 0.0000, 0.0000,
0.0000

120.7539,
122.0534, 138.5433

151.9442,

154.0368, 174.3090

188.0901,
191.1699, 215.7542

■ 17.2179, 16.7689,
19.7820

■ 17.2179, 16.7689,
19.7820

■ 15.7128, 14.1744,
17.9984

■ 18.9236, 19.7443,
21.6940

■ 14.3990, 11.9431,
16.3388

■ 20.8359, 23.1131,
23.7367

■ 13.2685, 10.0590,
14.7997

■ 22.9623, 26.8898,
25.9136

■ 12.3122, 8.5044,
13.3774

■ 25.3096, 31.0876,
28.2276

■ 11.5202, 7.2596,
12.0677

■ 27.8842, 35.7190,
30.6817

■ 10.8816, 6.3031,
10.8659

■ 30.6922, 40.7963,
33.2787

■ 10.3840, 5.6105,
9.7672

■ 33.7395, 46.3308,
36.0212

■ 10.0130, 5.1533,
8.7656

■ 37.0319, 52.3338,
38.9120

■ 9.7495, 4.8600,
7.9571

■ 40.5748, 58.8160,
41.9536

Harmonies

Analogous

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



16.7733, 16.7689, 21.5034



17.2179, 16.7689, 19.7820



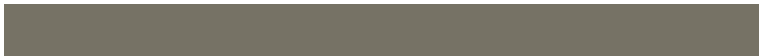
17.3148, 16.7689, 17.7620

Triad

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



17.2179, 16.7689, 19.7820



15.7640, 16.7689, 14.6868



14.8904, 16.7689, 20.7116

Complementary

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



17.2179, 16.7689, 19.7820



16.7332, 18.9686, 19.0000

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.



14.6368, 16.7689, 18.7641



17.2179, 16.7689, 19.7820



15.1315, 16.7689, 15.3576

Square

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



17.2179, 16.7689, 19.7820



16.4618, 16.7689, 14.9155



14.7238, 16.7689, 16.8153



15.4261, 16.7689, 22.0670

Rectangle

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



17.2179, 16.7689, 19.7820



17.1667, 16.7689, 16.5338



14.7238, 16.7689, 16.8153



14.7700, 16.7689, 20.0991

Sweetspot

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



17.2184, 16.7696, 19.7824



32.7393, 33.7616, 37.5594



16.2718, 16.2460, 21.3472



7.6574, 7.8582, 8.7870



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.



17.2184, 16.7696, 19.7824



29.4569, 28.0506, 33.8328



16.8189, 16.6098, 17.6789



4.0966, 4.0544, 4.7062



9.9099, 4.9401, 8.0823



46.8540, 23.3980, 36.3571

Inverse Universe

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



17.2184, 16.7696, 19.7824



29.4569, 28.0506, 33.8328



17.1453, 19.1334, 21.1697



4.0966, 4.0544, 4.7062



9.9099, 4.9401, 8.0823



46.8540, 23.3980, 36.3571

Previews

White Background



This preview shows how the XYZ color 17.2179, 16.7689, 19.7820 looks on a white background.

Color Contrast Check

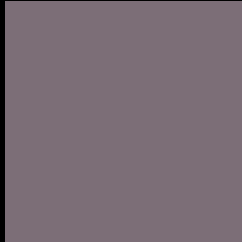
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2179, 16.7689, 19.7820 looks on a black 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

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

XYZ 17.2179, 16.7689, 19.7820

Background



This preview shows how black text looks on a background with the XYZ color 17.2179, 16.7689, 19.7820.



This preview shows how white text looks on a background with the XYZ color 17.2179, 16.7689,

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

17.2179, 16.7689, 19.7820

Protanopia

16.2957, 16.7681, 20.4669

Deuteranopia

17.0741, 16.6947, 19.7753



Tritanopia

17.2179, 16.7689, 19.7820

Trichromacy



Original Color

17.2179, 16.7689, 19.7820

Protanomaly

16.6555, 16.7960, 20.1334

Deuteranomaly

17.0741, 16.6947, 19.7753

Tritanomaly

17.2179, 16.7689, 19.7820

Monochromacy



Original Color

17.2179, 16.7689, 19.7820

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5287, 16.9228, 18.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2179, 16.7689, 19.7820 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(124, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 119)  
}
```

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(124, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.2179, 16.7689, 19.7820 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(124, 110, 119) }
```


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

```
.border{ border-color:rgb(124, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2179, 16.7689, 19.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 119) }
```

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

```
.background{ background-color: rgb(124,  
110, 119) }
```

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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