

Converting Colors

XYZ(17.0014, 17.5123, 18.9386)

Have a look what the booklet for
XYZ(17.0014, 17.5123, 18.9386)
contains.

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Color

**XYZ(17.0288, 17.5155,
19.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	787374
RGB	120, 115, 116
RGB Percent	47%, 45%, 45%
CMY	0.5294, 0.5490, 0.5451
CMYK	0.00, 0.04, 0.03, 0.53
HSL	348°, 2%, 46%
HSV	348°, 4%, 47%
XYZ	17.0288, 17.5155, 19.0063
YIQ	116.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

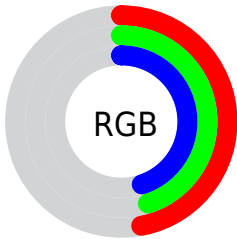
Format	Color
R_{YB}	120, 115, 116
Decimal	7893876
CIE _{Lab}	48.90, 2.12, 0.13
CIE _{LCh}	49, 2.121, 3.446
Yxy	17.5155, 0.3180, 0.3271
Android (android.graphics.Color)	4286083956 (0xFF787374)
YUV	116.6090, -0.3002, 2.9739
Hunter-Lab	41.8515, -0.6110, 2.3703

Details

The XYZ color **17.0288, 17.5155, 19.0063** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1171, 18.4100, 20.1049**, and the grayscale version is **16.7884, 17.6627, 19.2347**.

A 20% lighter version of the original color is **37.8999, 39.2352, 42.6214**, and **5.7230, 5.8094, 6.2885** is the 20% darker color. If you saturate the color by 10%, you get **15.2185, 14.7431, 15.7876**, and if you desaturate by 10%, it is **19.0760, 20.6688, 22.5894**.

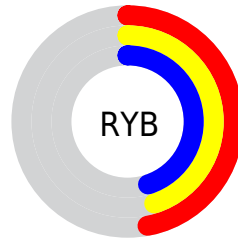
Distribution



Red (47%)

Green (45%)

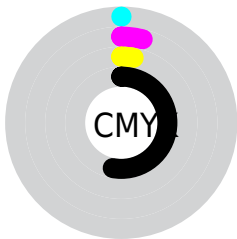
Blue (45%)



Red (47%)

Yellow (45%)

Blue (45%)

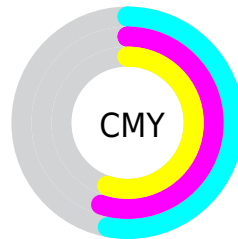


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0288, 17.5155, 19.0063 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 17.0288, 17.5155, 19.0063 by changing the saturation by 10% instead.

■ 17.0288, 17.5155,
19.0063

■ 17.0288, 17.5155,
19.0063

228.4913,
238.1258, 258.9074

■ 10.3505, 10.6027,
11.4980

■ 37.9185, 39.2100,
42.5816

■ 5.6960, 5.8004,
6.2845

■ 52.8605, 54.7605,
59.4856

■ 2.7000, 2.7241,
2.9472

■ 71.2879, 73.9590,
80.3586

■ 0.9972, 0.9894,
1.0678

■ 93.5659, 97.1900,
105.6192

■ 0.0000, 0.0000,
0.0000

120.0598,
124.8377, 135.6858

151.1352,

157.2867, 170.9770

187.1572,
194.9212, 211.9114

■ 17.0288, 17.5155,
19.0063

■ 17.0288, 17.5155,
19.0063

■ 15.2185, 14.7431,
15.7876

■ 19.0760, 20.6688,
22.5894

■ 13.6351, 12.3350,
12.9207

■ 21.3668, 24.2144,
26.5468

■ 12.2700, 10.2767,
10.3940

■ 23.9094, 28.1660,
30.8893

■ 11.1134, 8.5519,
8.1946

■ 26.7112, 32.5357,
35.6270

■ 10.1548, 7.1429,
6.3090

■ 29.7793, 37.3355,
40.7696

■ 9.3830, 6.0304,
4.7226

■ 33.1204, 42.5766,
46.3265

■ 8.7854, 5.1930,
3.4197

■ 36.7413, 48.2700,
52.3066

■ 8.3477, 4.6065,
2.3831

■ 40.6482, 54.4262,
58.7189

■ 8.0506, 4.2366,
1.5926

■ 44.8472, 61.0554,
65.5718

Harmonies

Analogous

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



16.9890, 17.5155, 19.5603



17.0288, 17.5155, 19.0063



16.9659, 17.5155, 18.4799

Triad

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



17.0288, 17.5155, 19.0063



16.4401, 17.5155, 18.1808



16.4793, 17.5155, 20.0580

Complementary

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



17.0288, 17.5155, 19.0063



17.1171, 18.4100, 20.1049

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.



16.3340, 17.5155, 19.6754



17.0288, 17.5155, 19.0063



16.3115, 17.5155, 18.5907

Square

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



17.0288, 17.5155, 19.0063



16.6252, 17.5155, 18.0093



16.2728, 17.5155, 19.1367



16.6707, 17.5155, 20.1745

Rectangle

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



17.0288, 17.5155, 19.0063



16.8745, 17.5155, 18.2135



16.2728, 17.5155, 19.1367



16.4234, 17.5155, 19.9559

Sweetspot

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



17.0293, 17.5163, 19.0067



31.0362, 32.4758, 35.3379



17.1291, 17.5403, 20.2522



7.3616, 7.7062, 8.3859



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.



17.0293, 17.5163, 19.0067



29.6285, 30.3119, 32.8593



17.1439, 17.8379, 18.7601



4.1966, 4.2853, 4.6439



8.6250, 4.4262, 1.3163



40.8924, 21.0133, 4.9636

Inverse Universe

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



17.0293, 17.5163, 19.0067



29.6285, 30.3119, 32.8593



16.9984, 18.0763, 20.3625



4.1966, 4.2853, 4.6439



8.6250, 4.4262, 1.3163



40.8924, 21.0133, 4.9636

Previews

White Background



This preview shows how the XYZ color 17.0288, 17.5155, 19.0063 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 17.0288, 17.5155, 19.0063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

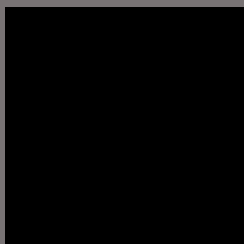
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

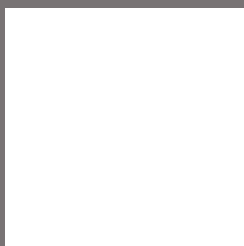
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0288, 17.5155, 19.0063

Background



This preview shows how black text looks on a background with the XYZ color 17.0288, 17.5155, 19.0063.



This preview shows how white text looks on a background with the XYZ color 17.0288, 17.5155,

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

17.0288, 17.5155, 19.0063

Protanopia

16.8690, 17.6033, 19.0317

Deuteranopia

17.6990, 17.3613, 18.9412



Tritanopia

17.4776, 17.5296, 21.2013

Trichromacy

**Original Color**

17.0288, 17.5155, 19.0063

Protanomaly

17.0055, 17.6737, 19.0381

Deuteranomaly

17.3697, 17.3563, 18.9576

Tritanomaly

17.2926, 17.4556, 20.2272

Monochromacy

**Original Color**

17.0288, 17.5155, 19.0063

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9275, 17.6267, 19.3397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0288, 17.5155, 19.0063 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(120, 115, 116) looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 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(120, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.0288, 17.5155, 19.0063 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(120, 115, 116) }
```


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

```
.border{ border-color:rgb(120, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0288, 17.5155, 19.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 116) }
```

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

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