

Converting Colors

XYZ(17.2630, 17.8820, 19.9963)

Have a look what the booklet for
XYZ(17.2630, 17.8820, 19.9963)
contains.

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Color

**XYZ(17.2988, 17.9764,
20.0108)**

Conversions

Conversions Part 1

Format	Color
Hex	777577
RGB	119, 117, 119
RGB Percent	47%, 46%, 47%
CMY	0.5333, 0.5412, 0.5333
CMYK	0.00, 0.02, 0.00, 0.53
HSL	300°, 1%, 46%
HSV	300°, 2%, 47%
XYZ	17.2988, 17.9764, 20.0108
YIQ	117.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

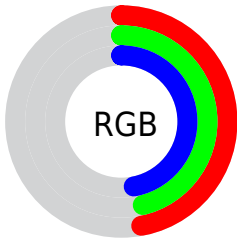
Format	Color
R_{YB}	119, 117, 119
Decimal	7828855
CIE Lab	49.47, 1.17, -0.83
CIE LCh	49, 1.435, 324.408
Yxy	17.9764, 0.3129, 0.3252
Android (android.graphics.Color)	4286018935 (0xFF777577)
YUV	117.8260, 0.5788, 1.0296
Hunter-Lab	42.3986, -1.3688, 1.6960

Details

The XYZ color **17.2988, 17.9764, 20.0108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1445, 18.2604, 19.4515**, and the grayscale version is **17.1640, 18.0579, 19.6650**.

A 20% lighter version of the original color is **38.3332, 39.9741, 44.2235**, and **5.8640, 6.0508, 6.8201** is the 20% darker color. If you saturate the color by 10%, you get **15.9997, 15.3780, 19.5779**, and if you desaturate by 10%, it is **18.7752, 20.9289, 20.5032**.

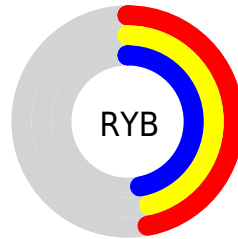
Distribution



Red (47%)

Green (46%)

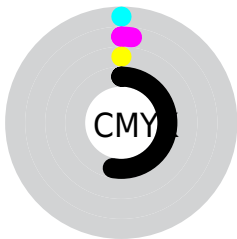
Blue (47%)



Red (47%)

Yellow (46%)

Blue (47%)

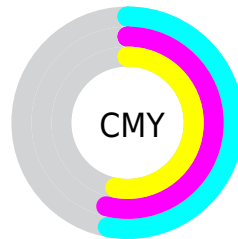


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2988, 17.9764, 20.0108 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 17.2988, 17.9764, 20.0108 by changing the saturation by 10% instead.

■ 17.2988, 17.9764,
20.0108

■ 17.2988, 17.9764,
20.0108

230.0113,
240.7380, 264.5797

■ 10.5444, 10.9330,
12.2187

■ 38.3783, 39.9971,
44.2945

■ 5.8264, 6.0218,
6.7685

■ 53.4342, 55.7432,
61.6232

■ 2.7795, 2.8584,
3.2415

■ 71.9878, 75.1591,
82.9679

■ 1.0382, 1.0582,
1.2192

94.4047, 98.6291,
108.7471

■ 0.0000, 0.0000,
0.0000

121.0501,
126.5376, 139.3793

152.2894,

159.2689, 175.2832

188.4880,
197.2076, 216.8771

■ 17.2988, 17.9764,
20.0108

■ 17.2988, 17.9764,
20.0108

■ 15.9997, 15.3780,
19.5779

■ 18.7752, 20.9289,
20.5032

■ 14.8698, 13.1182,
19.2012

■ 20.4336, 24.2457,
21.0561

■ 13.9026, 11.1838,
18.8788

■ 22.2804, 27.9393,
21.6717

■ 13.0906, 9.5598,
18.6081

■ 24.3214, 32.0213,
22.3521

■ 12.4257, 8.2301,
18.3864

■ 26.5620, 36.5024,
23.0990

■ 11.8992, 7.1770,
18.2108

■ 29.0073, 41.3930,
23.9142

■ 11.5012, 6.3810,
18.0781

■ 31.6624, 46.7032,
24.7993

■ 11.2207, 5.8202,
17.9845

■ 34.5322, 52.4428,
25.7560

■ 11.0451, 5.4688,
17.9259

■ 37.6213, 58.6210,
26.7857

Harmonies

Analogous

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



17.1939, 17.9764, 20.2607



17.2988, 17.9764, 20.0108



17.3467, 17.9764, 19.6461

Triad

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



17.2988, 17.9764, 20.0108



17.1114, 17.9764, 18.8399



16.8498, 17.9764, 19.8832

Complementary

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



17.2988, 17.9764, 20.0108



17.1445, 18.2604, 19.4515

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.



16.8280, 17.9764, 19.5006



17.2988, 17.9764, 20.0108



16.9786, 17.9764, 18.9015

Square

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



17.2988, 17.9764, 20.0108



17.2381, 17.9764, 18.9726



16.8750, 17.9764, 19.1421



16.9348, 17.9764, 20.1864

Rectangle

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



17.2988, 17.9764, 20.0108



17.3397, 17.9764, 19.3881



16.8750, 17.9764, 19.1421



16.8349, 17.9764, 19.7595

Sweetspot

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



17.2993, 17.9772, 20.0112



31.1408, 32.5176, 35.8883



17.0279, 17.8373, 19.9985



7.3846, 7.7154, 8.5067



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.



17.2993, 17.9772, 20.0112



30.8857, 32.0074, 35.8033



17.2396, 17.9533, 19.6968



4.0501, 4.2049, 4.6884



11.6204, 5.5819, 19.0068



56.6275, 27.2011, 92.6226

Inverse Universe

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



17.2993, 17.9772, 20.0112



30.8857, 32.0074, 35.8033



17.2036, 18.2840, 19.7626



4.0501, 4.2049, 4.6884



11.6204, 5.5819, 19.0068



56.6275, 27.2011, 92.6226

Previews

White Background



This preview shows how the XYZ color 17.2988, 17.9764, 20.0108 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 17.2988, 17.9764, 20.0108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

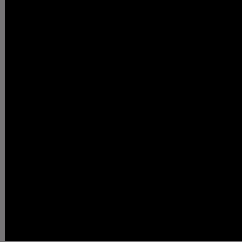
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2988, 17.9764, 20.0108

Background



This preview shows how black text looks on a background with the XYZ color 17.2988, 17.9764, 20.0108.



This preview shows how white text looks on a background with the XYZ color 17.2988, 17.9764,

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

17.2988, 17.9764, 20.0108

Protanopia

17.2988, 17.9764, 20.0108

Deuteranopia

18.3096, 17.9799, 20.2747



Tritanopia

17.6928, 17.9645, 21.9370

Trichromacy

**Original Color**

17.2988, 17.9764, 20.0108

Protanomaly

17.2988, 17.9764, 20.0108

Deuteranomaly

17.9783, 17.9775, 20.2917

Tritanomaly

17.5663, 17.9139, 21.2708

Monochromacy

**Original Color**

17.2988, 17.9764, 20.0108

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 17.2988, 17.9764, 20.0108 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, 119)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 17.2988, 17.9764, 20.0108 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, 119) }
```


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

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

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, 119)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 17.2988, 17.9764, 20.0108 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, 119) }
```

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

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