

Converting Colors

XYZ(17.0380, 17.9598, 20.9809)

Have a look what the booklet for
XYZ(17.0380, 17.9598, 20.9809)
contains.

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Color

**XYZ(17.0615, 18.0068,
20.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	73767A
RGB	115, 118, 122
RGB Percent	45%, 46%, 48%
CMY	0.5490, 0.5372, 0.5216
CMYK	0.06, 0.03, 0.00, 0.52
HSL	214°, 3%, 46%
HSV	214°, 6%, 48%
XYZ	17.0615, 18.0068, 20.9888
YIQ	117.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

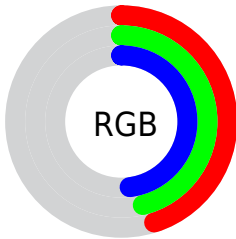
Format	Color
R_{YB}	115, 117, 122
Decimal	7566970
CIE Lab	49.50, -0.29, -2.59
CIE LCh	50, 2.611, 263.533
Yxy	18.0068, 0.3044, 0.3212
Android (android.graphics.Color)	4285757050 (0xFF73767A)
YUV	117.5590, 2.1894, -2.2442
Hunter-Lab	42.4344, -2.4912, 0.3782

Details

The XYZ color **17.0615, 18.0068, 20.9888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7175, 18.5689, 18.8703**, and the grayscale version is **17.0766, 17.9660, 19.5649**.

A 20% lighter version of the original color is **37.9511, 40.0209, 45.7690**, and **5.7075, 6.0546, 7.1712** is the 20% darker color. If you saturate the color by 10%, you get **14.7718, 15.6533, 20.6555**, and if you desaturate by 10%, it is **19.6253, 20.5926, 21.3531**.

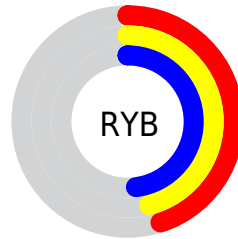
Distribution



Red (45%)

Green (46%)

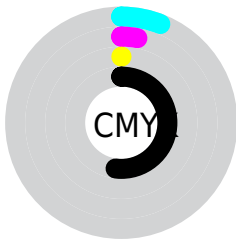
Blue (48%)



Red (45%)

Yellow (46%)

Blue (48%)

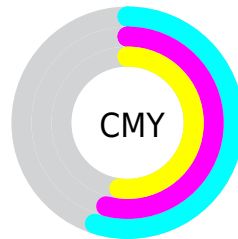


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0615, 18.0068, 20.9888 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 17.0615, 18.0068, 20.9888 by changing the saturation by 10% instead.

■ 17.0615, 18.0068,
20.9888

■ 17.0615, 18.0068,
20.9888

228.6759,
240.9094, 269.9981

■ 10.3739, 10.9549,
12.9247

■ 37.9742, 40.0489,
45.9494

■ 5.7117, 6.0365,
7.2466

■ 52.9301, 55.8079,
63.6830

■ 2.7096, 2.8673,
3.5360

■ 71.3728, 75.2380,
85.4768

■ 1.0021, 1.0628,
1.3744

■ 93.6677, 98.7236,
111.7494

■ 0.0000, 0.0000,
0.1216

120.1800,
126.6492, 142.9192

■ 0.0000, 0.0000,
0.0000

151.2753,

159.3991, 179.4049

187.3188,
197.3577, 221.6250

■ 17.0615, 18.0068,
20.9888

■ 17.0615, 18.0068,
20.9888

■ 14.7718, 15.6533,
20.6555

■ 19.6253, 20.5926,
21.3531

■ 12.7450, 13.5229,
20.3511

■ 22.4706, 23.4149,
21.7479

■ 10.9714, 11.6092,
20.0752

■ 25.6066, 26.4808,
22.1743

■ 9.4402, 9.9044,
19.8268

■ 29.0417, 29.7963,
22.6333

■ 8.1398, 8.4005,
19.6051

■ 32.7837, 33.3673,
23.1253

■ 7.0573, 7.0885,
19.4089

■ 36.8402, 37.1992,
23.6511

■ 6.1786, 5.9589,
19.2372

■ 41.2186, 41.2976,
24.2114

■ 5.4878, 5.0011,
19.0887

■ 45.9260, 45.6677,
24.8068

■ 4.9578, 4.1984,
18.9617

■ 50.9693, 50.3146,
25.4380

Harmonies

Analogous

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



16.8343, 18.0068, 20.7204



17.0615, 18.0068, 20.9888



17.3052, 18.0068, 20.8797

Triad

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



17.0615, 18.0068, 20.9888



17.5539, 18.0068, 19.0684



16.7359, 18.0068, 18.8092

Complementary

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



17.0615, 18.0068, 20.9888



17.7175, 18.5689, 18.8703

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.



16.9260, 18.0068, 18.3858



17.0615, 18.0068, 20.9888



17.3987, 18.0068, 18.5330

Square

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



17.0615, 18.0068, 20.9888



17.5911, 18.0068, 19.7599



17.1685, 18.0068, 18.2860



16.6475, 18.0068, 19.4536

Rectangle

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



17.0615, 18.0068, 20.9888



17.4440, 18.0068, 20.6088



17.1685, 18.0068, 18.2860



16.7900, 18.0068, 18.6369

Sweetspot

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



17.0620, 18.0076, 20.9892



31.6237, 33.3102, 37.1557



17.3578, 18.8953, 20.1749



7.2465, 7.6323, 8.4979



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.



17.0620, 18.0076, 20.9892



29.4111, 31.0629, 36.8385



16.7756, 17.3435, 20.8761



4.0291, 4.2556, 5.0522



4.9982, 4.0788, 19.9092



23.0315, 17.8357, 94.6985

Inverse Universe

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



17.4272, 17.7074, 19.6397



30.2085, 30.4167, 33.8897



18.0145, 19.2608, 18.9882



4.1398, 4.1660, 4.6429



9.1062, 4.6186, 3.8501



43.0284, 21.8677, 16.2115

Previews

White Background



This preview shows how the XYZ color 17.0615, 18.0068, 20.9888 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 17.0615, 18.0068, 20.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

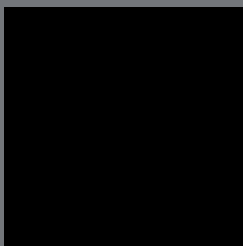
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

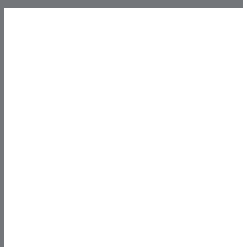
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0615, 18.0068, 20.9888

Background



This preview shows how black text looks on a background with the XYZ color 17.0615, 18.0068, 20.9888.



This preview shows how white text looks on a background with the XYZ color 17.0615, 18.0068,

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

17.0615, 18.0068, 20.9888

Protanopia

17.4202, 18.0250, 20.6502

Deuteranopia

18.3449, 17.9767, 21.2419



Tritanopia

17.3945, 17.9679, 22.6300

Trichromacy



Original Color

17.0615, 18.0068, 20.9888

Protanomaly

17.2837, 17.9546, 20.6438

Deuteranomaly

17.8743, 17.9025, 21.2523

Tritanomaly

17.2654, 17.9163, 21.9502

Monochromacy



Original Color

17.0615, 18.0068, 20.9888

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1443, 18.0707, 20.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0615, 18.0068, 20.9888 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, 118, 122) looks like.

```
.text, #text, p{  
    color:rgb(115, 118, 122)  
}
```

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, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 118, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.0615, 18.0068, 20.9888 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, 118, 122) }
```


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

```
.border{ border-color:rgb(115, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 118,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0615, 18.0068, 20.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 118, 122) }
```

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

```
.background{ background-color: rgb(115,  
118, 122) }
```

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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