

Converting Colors

XYZ(17.0707, 19.7767, 20.4299)

Have a look what the booklet for
XYZ(17.0707, 19.7767, 20.4299)
contains.

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Color

**XYZ(17.1123, 19.8961,
20.3912)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8077
RGB	107, 128, 119
RGB Percent	42%, 50%, 47%
CMY	0.5804, 0.4980, 0.5333
CMYK	0.16, 0.00, 0.07, 0.50
HSL	154°, 9%, 46%
HSV	154°, 16%, 50%
XYZ	17.1123, 19.8961, 20.3912
YIQ	120.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

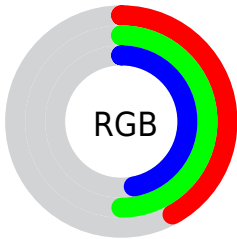
Format	Color
R_{YB}	107, 120, 128
Decimal	7045239
CIE Lab	51.72, -9.56, 2.33
CIE LCh	52, 9.843, 166.295
Yxy	19.8961, 0.2981, 0.3466
Android (android.graphics.Color)	4285235319 (0xFF6B8077)
YUV	120.6950, -0.8356, -12.0105
Hunter-Lab	44.6050, -9.5790, 4.1191

Details

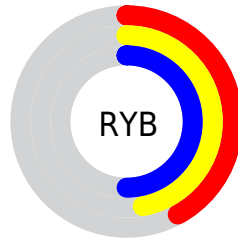
The XYZ color **17.1123, 19.8961, 20.3912** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3128, 16.3659, 18.7702**, and the grayscale version is **18.0809, 19.0225, 20.7155**.

A 20% lighter version of the original color is **38.1726, 43.3589, 44.8853**, and **5.7369, 6.9767, 7.0055** is the 20% darker color. If you saturate the color by 10%, you get **15.3659, 19.0333, 18.6391**, and if you desaturate by 10%, it is **19.1067, 20.8856, 22.2551**.

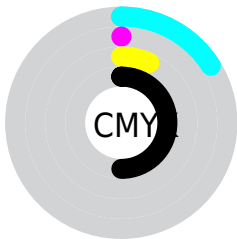
Distribution



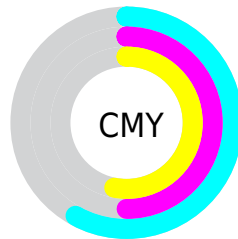
- Red (42%)
- Green (50%)
- Blue (47%)



- Red (42%)
- Yellow (47%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1123, 19.8961, 20.3912 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 17.1123, 19.8961, 20.3912 by changing the saturation by 10% instead.

■ 17.1123, 19.8961,
20.3912

■ 17.1123, 19.8961,
20.3912

228.9623,
251.3521, 266.6991

■ 10.4104, 12.3195,
12.4928

■ 38.0608, 43.2429,
44.9397

■ 5.7362, 6.9617,
6.9537

■ 53.0381, 59.7820,
62.4268

■ 2.7245, 3.4382,
3.3551

■ 71.5046, 80.0773,
83.9473

■ 1.0098, 1.3645,
1.2787

■ 93.8257, 104.5133,
109.9197

■ 0.0000, 0.1904,
0.0442

120.3666,
133.4744, 140.7626

■ 0.0000, 0.0000,
0.0000

151.4928,

167.3450, 176.8944

187.5696,
206.5094, 218.7337

■ 17.1123, 19.8961,
20.3912

■ 17.1123, 19.8961,
20.3912

■ 15.3659, 19.0333,
18.6391

■ 19.1067, 20.8856,
22.2551

■ 13.8556, 18.2895,
16.9952

■ 21.3571, 22.0043,
24.2315

■ 12.5707, 17.6599,
15.4579

■ 23.8731, 23.2577,
26.3229

■ 11.4995, 17.1383,
14.0248

■ 26.6636, 24.6502,
28.5311

■ 10.6288, 16.7179,
12.6934

■ 29.7366, 26.1861,
30.8582

■ 9.9439, 16.3914,
11.4613

■ 33.1003, 27.8695,
33.3059

■ 9.4280, 16.1501,
10.3258

■ 36.7621, 29.7041,
35.8761

■ 9.0509, 15.9784,
9.2835

■ 40.7294, 31.6938,
38.5705

■ 8.9268, 15.9221,
8.9304

■ 45.0093, 33.8422,
41.3909

Harmonies

Analogous

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



17.5611, 19.8961, 18.0942



17.1123, 19.8961, 20.3912



17.1333, 19.8961, 23.2374

Triad

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



17.1123, 19.8961, 20.3912



19.4525, 19.8961, 27.3591



20.2635, 19.8961, 17.9393

Complementary

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



17.1123, 19.8961, 20.3912



17.3128, 16.3659, 18.7702

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.



20.8069, 19.8961, 20.1623



17.1123, 19.8961, 20.3912



20.3276, 19.8961, 25.6738

Square

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



17.1123, 19.8961, 20.3912



18.4610, 19.8961, 27.4341



20.8308, 19.8961, 22.9876



19.3675, 19.8961, 16.7647

Rectangle

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



17.1123, 19.8961, 20.3912



17.4103, 19.8961, 25.0712



20.8308, 19.8961, 22.9876



20.4948, 19.8961, 18.5795

Sweetspot

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



17.1129, 19.8969, 20.3916



34.1251, 37.0120, 39.6202



17.5894, 20.2207, 16.8859



7.9373, 8.6395, 9.2291



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.1129, 19.8969, 20.3916



28.8306, 34.3877, 34.6272



17.4981, 19.7608, 23.3152



4.3709, 4.8567, 5.1244



8.8518, 15.7873, 8.8583



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3128, 16.3659, 18.7702



29.2578, 26.8463, 31.1649



16.9613, 16.4608, 16.1933



4.3983, 4.3725, 4.9020



9.5082, 4.8230, 4.0002



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1123, 19.8961, 20.3912 looks on a white 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

Black Background



This preview shows how the XYZ color 17.1123, 19.8961, 20.3912 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

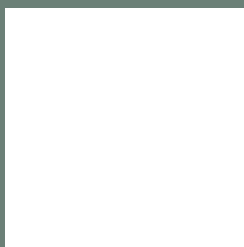
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1123, 19.8961, 20.3912

Background



This preview shows how black text looks on a background with the XYZ color 17.1123, 19.8961, 20.3912.



This preview shows how white text looks on a background with the XYZ color 17.1123, 19.8961,

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

17.1123, 19.8961, 20.3912

Protanopia

18.9877, 19.9389, 19.3708

Deuteranopia

20.2014, 19.8084, 20.8478



Tritanopia

18.3352, 20.0143, 26.1893

Trichromacy



Original Color

17.1123, 19.8961, 20.3912

Protanomaly

18.2902, 19.9447, 19.7153

Deuteranomaly

18.8071, 19.6351, 20.5680

Tritanomaly

17.9253, 20.0417, 24.0428

Monochromacy



Original Color

17.1123, 19.8961, 20.3912

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8003, 19.4844, 20.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1123, 19.8961, 20.3912 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(107, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 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(107, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.1123, 19.8961, 20.3912 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(107, 128, 119) }
```


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

```
.border{ border-color:rgb(107, 128, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1123, 19.8961, 20.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 119) }
```

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

```
.background{ background-color: rgb(107,  
128, 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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