

Converting Colors

XYZ(17.1137, 19.9055, 20.0180)

Have a look what the booklet for
XYZ(17.1137, 19.9055, 20.0180)
contains.

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Color

**XYZ(17.1735, 19.9345,
20.0821)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8076
RGB	108, 128, 118
RGB Percent	42%, 50%, 46%
CMY	0.5765, 0.4980, 0.5373
CMYK	0.16, 0.00, 0.08, 0.50
HSL	150°, 8%, 46%
HSV	150°, 16%, 50%
XYZ	17.1735, 19.9345, 20.0821
YIQ	120.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

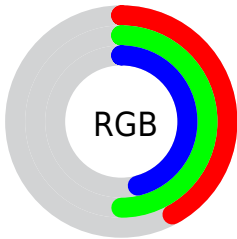
Format	Color
R_{YB}	108, 121, 128
Decimal	7110774
CIE _{Lab}	51.76, -9.41, 2.99
CIE _{LCh}	52, 9.877, 162.390
Yxy	19.9345, 0.3003, 0.3486
Android (android.graphics.Color)	4285300854 (0xFF6C8076)
YUV	120.8800, -1.4198, -11.2958
Hunter-Lab	44.6481, -9.4756, 4.5858

Details

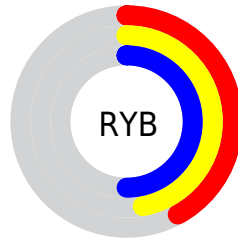
The XYZ color **17.1735, 19.9345, 20.0821** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5354, 16.6228, 19.4247**, and the grayscale version is **18.1421, 19.0869, 20.7856**.

A 20% lighter version of the original color is **38.2768, 43.4236, 44.3944**, and **5.7650, 6.9948, 6.8406** is the 20% darker color. If you saturate the color by 10%, you get **15.3621, 19.0437, 18.0789**, and if you desaturate by 10%, it is **19.2404, 20.9551, 22.2329**.

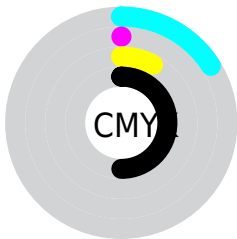
Distribution



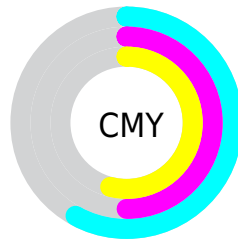
- Red (42%)
- Green (50%)
- Blue (46%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1735, 19.9345, 20.0821 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 17.1735, 19.9345, 20.0821 by changing the saturation by 10% instead.

■ 17.1735, 19.9345,
20.0821

■ 17.1735, 19.9345,
20.0821

229.3070,
251.5603, 264.9782

■ 10.4543, 12.3474,
12.2701

■ 38.1651, 43.3073,
44.4156

■ 5.7658, 6.9808,
6.8031

■ 53.1682, 59.8619,
61.7741

■ 2.7425, 3.4501,
3.2627

■ 71.6633, 80.1744,
83.1518

■ 1.0191, 1.3710,
1.2303

■ 94.0159, 104.6293,
108.9674

■ 0.0000, 0.1952,
0.0036

120.5912,
133.6110, 139.6392

■ 0.0000, 0.0000,
0.0000

151.7546,

167.5037, 175.5860

187.8714,
206.6921, 217.2261

■ 17.1735, 19.9345,
20.0821

■ 17.1735, 19.9345,
20.0821

■ 15.3621, 19.0437,
18.0789

■ 19.2404, 20.9551,
22.2329

■ 13.7942, 18.2750,
16.2188

■ 21.5710, 22.1081,
24.5330

■ 12.4591, 17.6234,
14.4989

■ 24.1751, 23.3990,
26.9857

■ 11.3447, 17.0828,
12.9160

■ 27.0615, 24.8322,
29.5940

■ 10.4378, 16.6464,
11.4664

■ 30.2387, 26.4122,
32.3605

■ 9.7237, 16.3068,
10.1464

■ 33.7147, 28.1429,
35.2880

■ 9.1856, 16.0552,
8.9522

■ 37.4972, 30.0284,
38.3792

■ 8.7966, 15.8780,
7.8791

■ 41.5937, 32.0724,
41.6365

■ 8.6448, 15.8092,
7.4456

■ 46.0114, 34.2785,
45.0626

Harmonies

Analogous

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



17.6806, 19.9345, 17.8881



17.1735, 19.9345, 20.0821



17.1311, 19.9345, 22.9080

Triad

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



17.1735, 19.9345, 20.0821



19.3626, 19.9345, 27.5381



20.4025, 19.9345, 18.2016

Complementary

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



17.1735, 19.9345, 20.0821



17.5354, 16.6228, 19.4247

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.



20.8872, 19.9345, 20.5454



17.1735, 19.9345, 20.0821



20.2728, 19.9345, 26.0302

Square

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



17.1735, 19.9345, 20.0821



18.3716, 19.9345, 27.3863



20.8389, 19.9345, 23.4137



19.5346, 19.9345, 16.8698

Rectangle

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



17.1735, 19.9345, 20.0821



17.3700, 19.9345, 24.7897



20.8389, 19.9345, 23.4137



20.6170, 19.9345, 18.8880

Sweetspot

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



17.1741, 19.9353, 20.0825



34.0725, 36.9910, 39.3432



17.9432, 20.3969, 17.1789



7.9236, 8.6341, 9.1570



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.



17.1741, 19.9353, 20.0825



28.9686, 34.4732, 33.9823



17.7786, 20.1771, 23.2658



4.3587, 4.8518, 5.0601



8.5722, 15.6755, 7.3862



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5354, 16.6228, 19.4247



29.7397, 27.4036, 32.5784



16.9898, 16.4045, 16.5517



4.4104, 4.3773, 4.9658



9.7456, 4.9179, 5.2498



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1735, 19.9345, 20.0821 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 17.1735, 19.9345, 20.0821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

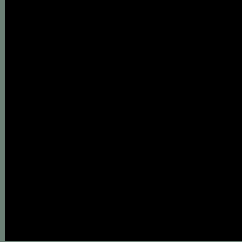
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

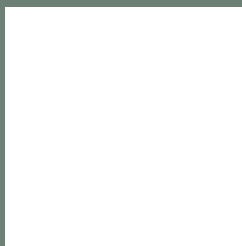
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1735, 19.9345, 20.0821

Background



This preview shows how black text looks on a background with the XYZ color 17.1735, 19.9345, 20.0821.

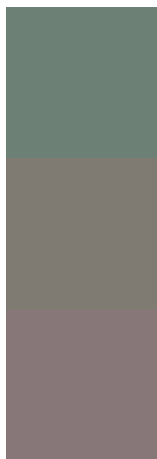


This preview shows how white text looks on a background with the XYZ color 17.1735, 19.9345,

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

17.1735, 19.9345, 20.0821

Protanopia

18.9299, 19.9157, 19.0661

Deuteranopia

20.1403, 19.7840, 20.5265



Tritanopia

18.2623, 19.7960, 25.7802

Trichromacy



Original Color

17.1735, 19.9345, 20.0821

Protanomaly

18.2317, 19.9213, 19.4073

Deuteranomaly

18.8935, 19.6866, 20.2569

Tritanomaly

17.8537, 19.8217, 23.6539

Monochromacy



Original Color

17.1735, 19.9345, 20.0821

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 17.1735, 19.9345, 20.0821 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(108, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(108, 128, 118)  
}
```

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(108, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.1735, 19.9345, 20.0821 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(108, 128, 118) }
```


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

```
.border{ border-color:rgb(108, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1735, 19.9345, 20.0821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 118) }
```

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

```
.background{ background-color: rgb(108,  
128, 118) }
```

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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