

Converting Colors

XYZ(17.0090, 19.7520, 20.1048)

Have a look what the booklet for
XYZ(17.0090, 19.7520, 20.1048)
contains.

XYZ(17.0526, 19.8721, 20.0765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0526, 19.8721,
20.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8076
RGB	107, 128, 118
RGB Percent	42%, 50%, 46%
CMY	0.5804, 0.4980, 0.5373
CMYK	0.16, 0.00, 0.08, 0.50
HSL	151°, 9%, 46%
HSV	151°, 16%, 50%
XYZ	17.0526, 19.8721, 20.0765
YIQ	120.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

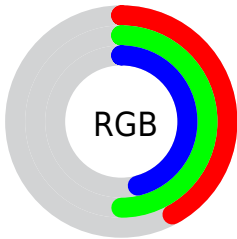
Format	Color
RYB	107, 121, 128
Decimal	7045238
CIELab	51.69, -9.77, 2.88
CIELCh	52, 10.188, 163.600
Yxy	19.8721, 0.2992, 0.3486
Android (android.graphics.Color)	4285235318 (0xFF6B8076)
YUV	120.5810, -1.2724, -11.9105
Hunter-Lab	44.5781, -9.7296, 4.5025

Details

The XYZ color **17.0526, 19.8721, 20.0765** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3714, 16.3895, 19.0784**, and the grayscale version is **18.0454, 18.9852, 20.6749**.

A 20% lighter version of the original color is **38.0776, 43.3210, 44.3851**, and **5.7051, 6.9640, 6.8378** is the 20% darker color. If you saturate the color by 10%, you get **15.2756, 18.9971, 18.1633**, and if you desaturate by 10%, it is **19.0820, 20.8756, 22.1246**.

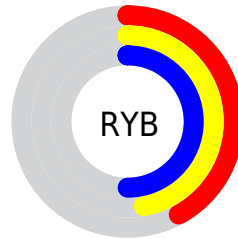
Distribution



Red (42%)

Green (50%)

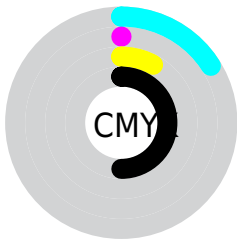
Blue (46%)



Red (42%)

Yellow (47%)

Blue (50%)

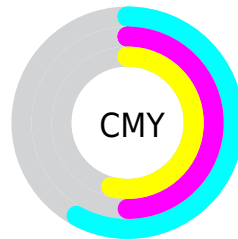


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0526, 19.8721, 20.0765 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 17.0526, 19.8721, 20.0765 by changing the saturation by 10% instead.

■ 17.0526, 19.8721,
20.0765

■ 17.0526, 19.8721,
20.0765

228.6257,
251.2219, 264.9469

■ 10.3675, 12.3021,
12.2660

■ 37.9591, 43.2026,
44.4061

■ 5.7074, 6.9498,
6.8004

■ 52.9112, 59.7320,
61.7622

■ 2.7070, 3.4307,
3.2610

■ 71.3497, 80.0166,
83.1374

■ 1.0008, 1.3605,
1.2294

■ 93.6400, 104.4408,
108.9501

■ 0.0000, 0.1873,
0.0029

120.1473,
133.3890, 139.6188

■ 0.0000, 0.0000,
0.0000

151.2372,

167.2457, 175.5622

187.2748,
206.3952, 217.1987

■ 17.0526, 19.8721,
20.0765

■ 17.0526, 19.8721,
20.0765

■ 15.2756, 18.9971,
18.1633

■ 19.0820, 20.8756,
22.1246

■ 13.7389, 18.2428,
16.3808

■ 21.3719, 22.0101,
24.3090

■ 12.4319, 17.6042,
14.7267

■ 23.9321, 23.2812,
26.6327

■ 11.3425, 17.0753,
13.1979

■ 26.7713, 24.6932,
29.0982

■ 10.4575, 16.6493,
11.7914

■ 29.8981, 26.2506,
31.7079

■ 9.7620, 16.3185,
10.5038

■ 33.3204, 27.9574,
34.4644

■ 9.2392, 16.0744,
9.3316

■ 37.0459, 29.8175,
37.3698

■ 8.8585, 15.9013,
8.2707

■ 41.0820, 31.8347,
40.4265

■ 8.7339, 15.8448,
7.9150

■ 45.4358, 34.0127,
43.6368

Harmonies

Analogous

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



17.5559, 19.8721, 17.7877



17.0526, 19.8721, 20.0765



17.0292, 19.8721, 22.9973

Triad

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



17.0526, 19.8721, 20.0765



19.3569, 19.8721, 27.6256



20.3572, 19.8721, 17.9601

Complementary

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



17.0526, 19.8721, 20.0765



17.3714, 16.3895, 19.0784

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.



20.8770, 19.8721, 20.3321



17.0526, 19.8721, 20.0765



20.2854, 19.8721, 26.0058

Square

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



17.0526, 19.8721, 20.0765



18.3347, 19.8721, 27.5413



20.8502, 19.8721, 23.2770



19.4520, 19.8721, 16.6438

Rectangle

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



17.0526, 19.8721, 20.0765



17.2873, 19.8721, 24.9271



20.8502, 19.8721, 23.2770



20.5843, 19.8721, 18.6506

Sweetspot

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



17.0532, 19.8729, 20.0769



34.0900, 36.9980, 39.4354



17.7300, 20.2930, 16.8928



7.9282, 8.6359, 9.1810



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.



17.0532, 19.8729, 20.0769



28.7027, 34.3365, 33.9533



17.6339, 20.0323, 23.3602



4.3628, 4.8534, 5.0815



8.6606, 15.7108, 7.8517



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3714, 16.3895, 19.0784



29.3824, 26.8961, 31.8208



16.8508, 16.2398, 16.1567



4.4064, 4.3757, 4.9445



9.6618, 4.8844, 4.8090



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0526, 19.8721, 20.0765 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 17.0526, 19.8721, 20.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

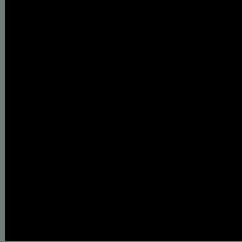
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0526, 19.8721, 20.0765

Background



This preview shows how black text looks on a background with the XYZ color 17.0526, 19.8721, 20.0765.



This preview shows how white text looks on a background with the XYZ color 17.0526, 19.8721,

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

17.0526, 19.8721, 20.0765

Protanopia

18.8064, 19.6689, 19.0249

Deuteranopia

20.1403, 19.7840, 20.5265



Tritanopia

18.1372, 19.7315, 25.7743

Trichromacy



Original Color

17.0526, 19.8721, 20.0765

Protanomaly

18.1058, 19.6693, 19.3653

Deuteranomaly

18.7468, 19.6110, 20.2500

Tritanomaly

17.7300, 19.7579, 23.6481

Monochromacy



Original Color

17.0526, 19.8721, 20.0765

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 17.0526, 19.8721, 20.0765 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.0526, 19.8721, 20.0765 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, 118) }
```


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

```
.border{ border-color:rgb(107, 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(107, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0526, 19.8721, 20.0765 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, 118) }
```

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

```
.background{ background-color: rgb(107,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor