

Converting Colors

XYZ(17.6679, 19.4575, 20.2924)

Have a look what the booklet for
XYZ(17.6679, 19.4575, 20.2924)
contains.

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Color

**XYZ(17.6077, 19.3921,
20.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	737C77
RGB	115, 124, 119
RGB Percent	45%, 49%, 47%
CMY	0.5490, 0.5137, 0.5333
CMYK	0.07, 0.00, 0.04, 0.51
HSL	147°, 4%, 47%
HSV	147°, 7%, 49%
XYZ	17.6077, 19.3921, 20.2678
YIQ	120.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

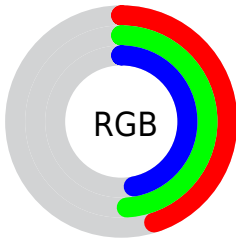
Format	Color
RYB	115, 121, 124
Decimal	7568503
CIELab	51.14, -4.38, 1.57
CIELCh	51, 4.651, 160.285
Yxy	19.3921, 0.3075, 0.3386
Android (android.graphics.Color)	4285758583 (0xFF737C77)
YUV	120.7390, -0.8573, -5.0331
Hunter-Lab	44.0365, -5.6917, 3.5373

Details

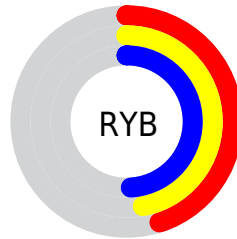
The XYZ color **17.6077, 19.3921, 20.2678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8338, 17.9032, 20.2860**, and the grayscale version is **18.0938, 19.0361, 20.7303**.

A 20% lighter version of the original color is **38.8124, 42.2064, 44.6291**, and **5.9681, 6.6804, 6.9361** is the 20% darker color. If you saturate the color by 10%, you get **15.6867, 18.4484, 18.0956**, and if you desaturate by 10%, it is **19.7792, 20.4625, 22.6091**.

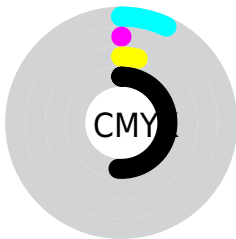
Distribution



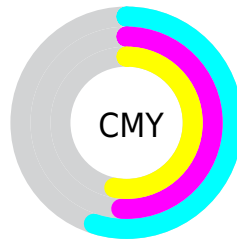
- Red (45%)
- Green (49%)
- Blue (47%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6077, 19.3921, 20.2678 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 17.6077, 19.3921, 20.2678 by changing the saturation by 10% instead.

■ 17.6077, 19.3921,
20.2678

■ 17.6077, 19.3921,
20.2678

231.7390,
248.6049, 266.0132

■ 10.7667, 11.9539,
12.4039

■ 38.9031, 42.3956,
44.7306

■ 5.9763, 6.7123,
6.8935

■ 54.0881, 58.7298,
62.1665

■ 2.8712, 3.2828,
3.3181

■ 72.7852, 78.7980,
83.6301

■ 1.0860, 1.2811,
1.2593

■ 95.3597, 102.9848,
109.5400

■ 0.0134, 0.1265,
0.0281

122.1770,
131.6745, 140.3148

■ 0.0000, 0.0000,
0.0000

153.6024,

165.2515, 176.3728

190.0013,
204.1001, 218.1328

■ 17.6077, 19.3921,
20.2678

■ 17.6077, 19.3921,
20.2678

■ 15.6867, 18.4484,
18.0956

■ 19.7792, 20.4625,
22.6091

■ 14.0051, 17.6243,
16.0877

■ 22.2084, 21.6617,
25.1220

■ 12.5538, 16.9154,
14.2404

■ 24.9043, 22.9948,
27.8103

■ 11.3219, 16.3165,
12.5498

■ 27.8747, 24.4657,
30.6774

■ 10.2980, 15.8217,
11.0118

■ 31.1274, 26.0784,
33.7266

■ 9.4695, 15.4245,
9.6218

■ 34.6697, 27.8366,
36.9612

■ 8.8223, 15.1177,
8.3753

■ 38.5087, 29.7439,
40.3843

■ 8.3402, 14.8932,
7.2673

■ 42.6512, 31.8037,
43.9988

■ 7.9888, 14.7333,
6.2920

■ 47.1038, 34.0194,
47.8078

Harmonies

Analogous

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



17.8630, 19.3921, 19.2323



17.6077, 19.3921, 20.2678



17.5711, 19.3921, 21.5723

Triad

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



17.6077, 19.3921, 20.2678



18.5907, 19.3921, 23.7189



19.1178, 19.3921, 19.5116

Complementary

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



17.6077, 19.3921, 20.2678



17.8338, 17.9032, 20.2860

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.



19.3198, 19.3921, 20.6636



17.6077, 19.3921, 20.2678



19.0122, 19.3921, 23.1161

Square

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



17.6077, 19.3921, 20.2678



18.1335, 19.3921, 23.6021



19.2808, 19.3921, 21.9849



18.7330, 19.3921, 18.8085

Rectangle

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



17.6077, 19.3921, 20.2678



17.6749, 19.3921, 22.4242



19.2808, 19.3921, 21.9849



19.2096, 19.3921, 19.8572

Sweetspot

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



17.6082, 19.3929, 20.2682



32.9201, 35.0782, 37.7750



18.0625, 19.6543, 19.0616



7.7665, 8.2680, 8.9109



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.6082, 19.3929, 20.2682



30.2900, 33.7834, 34.8953



17.8788, 19.5012, 21.6932



4.0180, 4.4768, 4.6286



8.0294, 14.9354, 6.1397



37.8861, 71.0775, 27.1020

Inverse Universe

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



17.8338, 17.9032, 20.2860



30.7875, 30.4982, 34.9345



17.5727, 17.7987, 18.9109



4.0828, 4.0488, 4.6337



9.5377, 4.7912, 6.1227



45.0622, 22.6812, 26.9214

Previews

White Background



This preview shows how the XYZ color 17.6077, 19.3921, 20.2678 looks on a white background.

Color Contrast Check

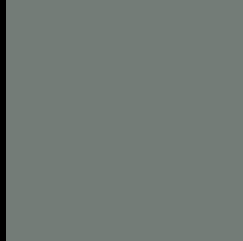
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6077, 19.3921, 20.2678 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

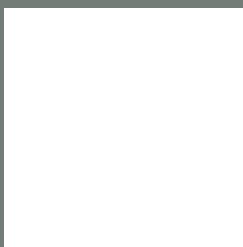
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6077, 19.3921, 20.2678

Background



This preview shows how black text looks on a background with the XYZ color 17.6077, 19.3921, 20.2678.



This preview shows how white text looks on a background with the XYZ color 17.6077, 19.3921,

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

17.6077, 19.3921, 20.2678

Protanopia

18.5057, 19.3191, 19.5832

Deuteranopia

19.7001, 19.3813, 20.4719



Tritanopia

18.4605, 19.3669, 24.5950

Trichromacy



Original Color

17.6077, 19.3921, 20.2678

Protanomaly

18.1147, 19.2920, 19.9085

Deuteranomaly

18.8590, 19.3010, 20.5008

Tritanomaly

18.1162, 19.4112, 22.8706

Monochromacy



Original Color

17.6077, 19.3921, 20.2678

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9574, 19.1971, 20.5282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6077, 19.3921, 20.2678 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, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 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(115, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.6077, 19.3921, 20.2678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

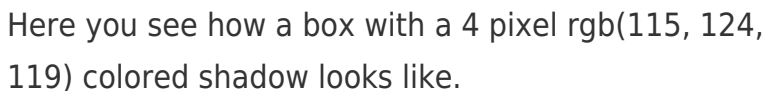
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 124, 119) }
```


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

```
.border{ border-color:rgb(115, 124, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 124, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 124, 119); box-shadow:4px 4px 4px 4px rgb(115, 124, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6077, 19.3921, 20.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 119) }
```

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

```
.background{ background-color: rgb(115,  
124, 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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