

Converting Colors

XYZ(20.6971, 19.0351, 18.7117)

Have a look what the booklet for
XYZ(20.6971, 19.0351, 18.7117)
contains.

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Color

**XYZ(20.6767, 19.0678,
18.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	917173
RGB	145, 113, 115
RGB Percent	57%, 44%, 45%
CMY	0.4314, 0.5568, 0.5490
CMYK	0.00, 0.22, 0.21, 0.43
HSL	356°, 13%, 51%
HSV	356°, 22%, 57%
XYZ	20.6767, 19.0678, 18.8103
YIQ	122.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

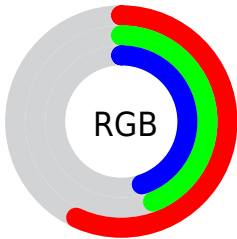
Format	Color
R_{YB}	145, 113, 115
Decimal	9531763
CIE _{Lab}	50.77, 12.93, 3.73
CIE _{LCh}	51, 13.452, 16.079
Yxy	19.0678, 0.3531, 0.3256
Android (android.graphics.Color)	4287721843 (0xFF917173)
YUV	122.7960, -3.8434, 19.4729
Hunter-Lab	43.6667, 8.1052, 5.0263

Details

The XYZ color **20.6767, 19.0678, 18.8103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8942, 25.7452, 29.8033**, and the grayscale version is **18.7680, 19.7454, 21.5027**.

A 20% lighter version of the original color is **43.9834, 41.8424, 42.3174**, and **7.5195, 6.5655, 6.1811** is the 20% darker color. If you saturate the color by 10%, you get **18.4610, 15.7972, 14.4926**, and if you desaturate by 10%, it is **23.2673, 22.9032, 23.8227**.

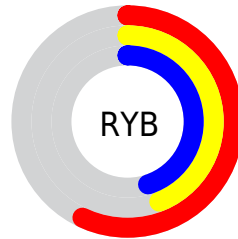
Distribution



Red (57%)

Green (44%)

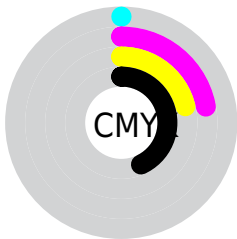
Blue (45%)



Red (57%)

Yellow (44%)

Blue (45%)

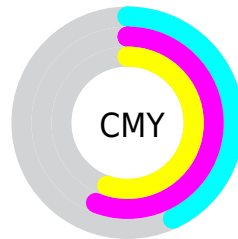


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6767, 19.0678, 18.8103 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 20.6767, 19.0678, 18.8103 by changing the saturation by 10% instead.

■ 20.6767, 19.0678,
18.8103

■ 20.6767, 19.0678,
18.8103

248.3197,
246.8228, 257.7872

■ 12.9990, 11.7193,
11.3579

■ 44.0442, 41.8486,
42.2457

■ 7.5049, 6.5528,
6.1909

■ 60.4647, 58.0497,
59.0658

■ 3.8289, 3.1841,
2.8908

■ 80.5302, 77.9705,
79.8455

■ 1.6058, 1.2286,
1.0392

■ 104.6060,
101.9953, 105.0033

■ 0.3962, 0.0848,
0.0000

133.0575,
130.5085, 134.9579

■ 0.0000, 0.0000,
0.0000

166.2500,

163.8946, 170.1277

204.5490,
202.5379, 210.9313

■ 20.6767, 19.0678,
18.8103

■ 20.6767, 19.0678,
18.8103

■ 18.4610, 15.7972,
14.4926

■ 23.2673, 22.9032,
23.8227

■ 16.6014, 13.0624,
10.8378

■ 26.2475, 27.3256,
29.5573

■ 15.0797, 10.8356,
7.8134

■ 29.6329, 32.3592,
36.0416


■ 13.8756, 9.0853,
5.3838


■ 33.4380, 38.0259,
43.3012


■ 12.9666, 7.7770,
3.5097

■ 37.6764, 44.3468,
51.3606


 12.3272, 6.8710,
2.1472


 42.3612, 51.3417,
60.2431

 11.9275, 6.3208,
1.2456

 47.5050, 59.0298,
69.9713

 11.7267, 6.0396,
0.8076

 53.1197, 67.4295,
80.5666

 59.2169, 76.5583,
92.0498

Harmonies

Analogous

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



20.7038, 19.0678, 22.5624



20.6767, 19.0678, 18.8103



19.9441, 19.0678, 15.9479

Triad

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



20.6767, 19.0678, 18.8103



16.3537, 19.0678, 16.1110



17.5188, 19.0678, 28.6579

Complementary

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



20.6767, 19.0678, 18.8103



21.8942, 25.7452, 29.8033

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.



16.4170, 19.0678, 26.4579



20.6767, 19.0678, 18.8103



15.7668, 19.0678, 19.0593

Square

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



20.6767, 19.0678, 18.8103



17.4286, 19.0678, 14.5238



15.7894, 19.0678, 22.8434



18.8364, 19.0678, 28.5700

Rectangle

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



20.6767, 19.0678, 18.8103



19.1735, 19.0678, 14.7937



15.7894, 19.0678, 22.8434



17.1123, 19.0678, 28.1508

Sweetspot

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



20.6772, 19.0687, 18.8107



44.2054, 44.7790, 47.5515



22.3211, 19.6832, 29.4110



9.7757, 9.8752, 10.4663



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.6772, 19.0687, 18.8107



35.1724, 31.4051, 30.0757



22.2304, 22.3570, 18.7675



5.4217, 5.4292, 5.7186



10.0620, 5.1818, 0.7121



0.0984, 0.0504, 0.0183

Inverse Universe

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



20.6772, 19.0687, 18.8107



35.1724, 31.4051, 30.0757



20.0559, 21.8242, 29.9437



5.4217, 5.4292, 5.7186



10.0620, 5.1818, 0.7121



0.0984, 0.0504, 0.0183

Previews

White Background



This preview shows how the XYZ color 20.6767, 19.0678, 18.8103 looks on a white background.

Color Contrast Check

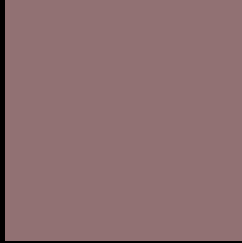
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6767, 19.0678, 18.8103 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 20.6767, 19.0678, 18.8103

Background



This preview shows how black text looks on a background with the XYZ color 20.6767, 19.0678, 18.8103.



This preview shows how white text looks on a background with the XYZ color 20.6767, 19.0678,

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

20.6767, 19.0678, 18.8103

Protanopia

18.4793, 19.2917, 20.2025

Deuteranopia

19.3902, 19.0884, 18.5820



Tritanopia

21.0994, 19.0798, 20.6599

Trichromacy



Original Color

20.6767, 19.0678, 18.8103

Protanomaly

19.2642, 19.1704, 19.8245

Deuteranomaly

19.9301, 19.1947, 18.5741

Tritanomaly

20.9780, 19.0312, 20.0205

Monochromacy



Original Color

20.6767, 19.0678, 18.8103

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.3471, 19.3750, 20.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6767, 19.0678, 18.8103 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(145, 113, 115)` looks like.

```
.text, #text, p{  
    color:rgb(145, 113, 115)  
}
```

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(145, 113, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 113, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.6767, 19.0678, 18.8103 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(145, 113, 115) }
```


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

```
.border{ border-color:rgb(145, 113, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 113, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 113, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 113, 115);  
box-shadow:4px 4px 4px 4px rgb(145, 113,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6767, 19.0678, 18.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 113, 115) }
```

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

```
.background{ background-color: rgb(145,  
113, 115) }
```

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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