

Converting Colors

XYZ(20.6258, 18.5989, 16.0073)

Have a look what the booklet for
XYZ(20.6258, 18.5989, 16.0073)
contains.

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Color

**XYZ(20.5719, 18.5820,
16.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	956E6A
RGB	149, 110, 106
RGB Percent	58%, 43%, 42%
CMY	0.4157, 0.5686, 0.5843
CMYK	0.00, 0.26, 0.29, 0.42
HSL	6°, 17%, 50%
HSV	6°, 29%, 58%
XYZ	20.5719, 18.5820, 16.1381
YIQ	121.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

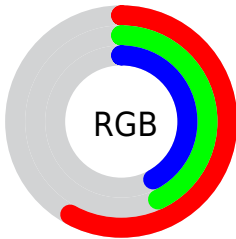
Format	Color
RYB	149, 110, 106
Decimal	9793130
CIELab	50.19, 14.88, 8.29
CIElCh	50, 17.033, 29.108
Yxy	18.5820, 0.3721, 0.3361
Android (android.graphics.Color)	4287983210 (0xFF956E6A)
YUV	121.2050, -7.4961, 24.3762
Hunter-Lab	43.1068, 9.7487, 7.9781

Details

The XYZ color **20.5719, 18.5820, 16.1381** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4939, 25.4843, 32.2201**, and the grayscale version is **18.2586, 19.2095, 20.9191**.

A 20% lighter version of the original color is **43.9080, 41.1124, 37.5196**, and **7.4418, 6.3024, 4.9619** is the 20% darker color. If you saturate the color by 10%, you get **18.5150, 15.6022, 11.9560**, and if you desaturate by 10%, it is **22.9869, 22.0621, 21.1042**.

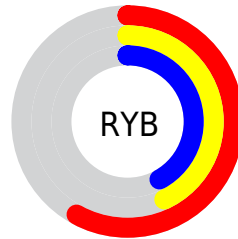
Distribution



Red (58%)

Green (43%)

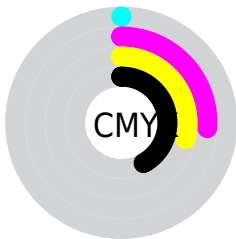
Blue (42%)



Red (58%)

Yellow (43%)

Blue (42%)

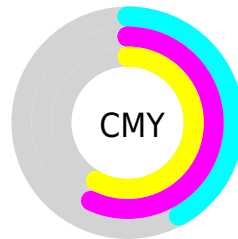


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5719, 18.5820, 16.1381 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 20.5719, 18.5820, 16.1381 by changing the saturation by 10% instead.

■ 20.5719, 18.5820,
16.1381

■ 20.5719, 18.5820,
16.1381

247.7695,
244.1313, 242.0287

■ 12.9221, 11.3686,
9.4665

■ 43.8706, 41.0266,
37.6079

■ 7.4516, 6.3154,
4.9458

■ 60.2503, 57.0266,
53.2432

■ 3.7949, 3.0378,
2.1573

■ 80.2706, 76.7242,
72.7035

■ 1.5868, 1.1515,
0.6496

■ 104.2969,
100.5040, 96.4073

■ 0.3838, 0.0215,
0.0000

132.6946,
128.7501, 124.7732

■ 0.0000, 0.0000,
0.0000

165.8291,

161.8472, 158.2197

204.0656,
200.1794, 197.1654

■ 20.5719, 18.5820,
16.1381

■ 20.5719, 18.5820,
16.1381

■ 18.5150, 15.6022,
11.9560

■ 22.9869, 22.0621,
21.1042

■ 16.7976, 13.0973,
8.5168

■ 25.7742, 26.0613,
26.8903

■ 15.4018, 11.0434,
5.7773

■ 28.9493, 30.6006,
33.5317

■ 14.3074, 9.4137,
3.6893

■ 32.5263, 35.6990,
41.0611

■ 13.4921, 8.1784,
2.1987

■ 36.5186, 41.3748,
49.5096

■ 12.9301, 7.3039,
1.2424

■ 40.9389, 47.6452,
58.9066

■ 12.5805, 6.7467,
0.6880

■ 45.7995, 54.5268,
69.2805

■ 12.5498, 6.7002,
0.6318

■ 51.1120, 62.0356,
80.6584

■ 56.8878, 70.1870,
93.0661

Harmonies

Analogous

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



21.0169, 18.5820, 20.3740



20.5719, 18.5820, 16.1381



19.3359, 18.5820, 13.4120

Triad

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



20.5719, 18.5820, 16.1381



15.0840, 18.5820, 15.9289



17.6124, 18.5820, 30.7093

Complementary

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



20.5719, 18.5820, 16.1381



21.4939, 25.4843, 32.2201

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.



16.0869, 18.5820, 29.0445



20.5719, 18.5820, 16.1381



14.6840, 18.5820, 20.0919

Square

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



20.5719, 18.5820, 16.1381



16.1672, 18.5820, 13.3051



15.0397, 18.5820, 24.9670



19.2455, 18.5820, 29.2243

Rectangle

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



20.5719, 18.5820, 16.1381



18.2661, 18.5820, 12.5770



15.0397, 18.5820, 24.9670



17.0706, 18.5820, 30.4957

Sweetspot

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



20.5724, 18.5829, 16.1385



45.9855, 46.4251, 47.7975



22.6917, 18.7551, 29.3811



10.0357, 10.0659, 10.2691



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.5724, 18.5829, 16.1385



34.2506, 29.5282, 23.6228



23.1237, 23.6854, 16.9889



5.8417, 5.8971, 6.0708



10.5733, 5.6609, 0.5354



0.1380, 0.0864, 0.0094

Inverse Universe

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



21.4939, 25.4843, 32.2201



36.1885, 44.0666, 57.5196



18.5661, 19.6288, 31.2442



5.9185, 6.4709, 7.4068



11.8844, 16.4636, 26.4825



0.1563, 0.2232, 0.3277

Previews

White Background



This preview shows how the XYZ color 20.5719, 18.5820, 16.1381 looks on a white background.

Color Contrast Check

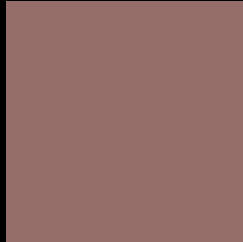
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5719, 18.5820, 16.1381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

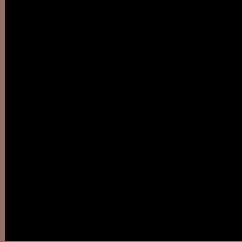
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5719, 18.5820, 16.1381

Background



This preview shows how black text looks on a background with the XYZ color 20.5719, 18.5820, 16.1381.



This preview shows how white text looks on a background with the XYZ color 20.5719, 18.5820,

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

20.5719, 18.5820, 16.1381

Protanopia

17.7782, 18.6264, 17.6972

Deuteranopia

18.9971, 18.5998, 15.9535



Tritanopia

21.1511, 18.4935, 19.2844

Trichromacy



Original Color

20.5719, 18.5820, 16.1381

Protanomaly

18.6786, 18.5815, 17.0701

Deuteranomaly

19.4394, 18.4929, 15.9095

Tritanomaly

21.0270, 18.6136, 18.1073

Monochromacy



Original Color

20.5719, 18.5820, 16.1381

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8737, 18.8088, 19.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5719, 18.5820, 16.1381 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(149, 110, 106)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 106)  
}
```

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(149, 110, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 106) }
```

Border

The CSS property to change the border of an element to XYZ 20.5719, 18.5820, 16.1381 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(149, 110, 106) }
```


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

```
.border{ border-color:rgb(149, 110, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 106);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5719, 18.5820, 16.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 106) }
```

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

```
.background{ background-color: rgb(149,  
110, 106) }
```

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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