

Converting Colors

XYZ(20.5195, 19.0254, 17.0588)

Have a look what the booklet for
XYZ(20.5195, 19.0254, 17.0588)
contains.

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Color

**XYZ(20.5195, 19.0254,
17.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	92716D
RGB	146, 113, 109
RGB Percent	57%, 44%, 43%
CMY	0.4275, 0.5568, 0.5725
CMYK	0.00, 0.23, 0.25, 0.43
HSL	6°, 15%, 50%
HSV	6°, 25%, 57%
XYZ	20.5195, 19.0254, 17.0588
YIQ	122.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

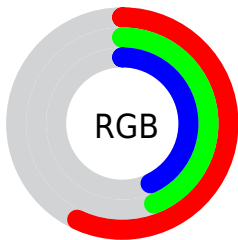
Format	Color
R_{YB}	146, 113, 109
Decimal	9597293
CIE _{Lab}	50.72, 12.38, 7.21
CIE _{LCh}	51, 14.323, 30.228
Yxy	19.0254, 0.3625, 0.3361
Android (android.graphics.Color)	4287787373 (0xFF92716D)
YUV	122.4110, -6.6116, 20.6876
Hunter-Lab	43.6181, 7.6410, 7.3447

Details

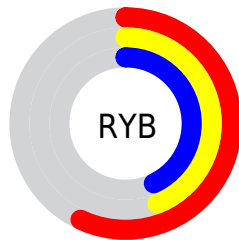
The XYZ color **20.5195, 19.0254, 17.0588** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1677, 24.6718, 30.8406**, and the grayscale version is **18.6497, 19.6210, 21.3672**.

A 20% lighter version of the original color is **43.8877, 41.8658, 39.0255**, and **7.4791, 6.5613, 5.4297** is the 20% darker color. If you saturate the color by 10%, you get **18.4481, 16.0375, 12.8075**, and if you desaturate by 10%, it is **22.9309, 22.4841, 22.0680**.

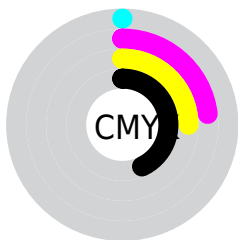
Distribution



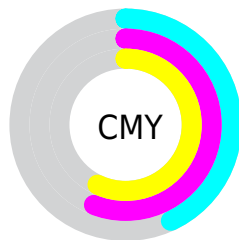
- Red (57%)
- Green (44%)
- Blue (43%)



- Red (57%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5195, 19.0254, 17.0588 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 20.5195, 19.0254, 17.0588 by changing the saturation by 10% instead.

■ 20.5195, 19.0254,
17.0588

■ 20.5195, 19.0254,
17.0588

247.4941,
246.5889, 247.5664

■ 12.8837, 11.6886,
10.1140

■ 43.7838, 41.7770,
39.2189

■ 7.4249, 6.5320,
5.3680

■ 60.1430, 57.9607,
55.2713

■ 3.7779, 3.1712,
2.4023

■ 80.1407, 77.8620,
75.1966

■ 1.5773, 1.2218,
0.7877

■ 104.1422,
101.8656, 99.4134

■ 0.3775, 0.0794,
0.0000

132.5130,
130.3556, 128.3403

■ 0.0000, 0.0000,
0.0000

165.6183,

163.7166, 162.3957

203.8236,
202.3329, 201.9982

■ 20.5195, 19.0254,
17.0588

■ 20.5195, 19.0254,
17.0588

■ 18.4481, 16.0375,
12.8075

■ 22.9309, 22.4841,
22.0680

■ 16.6999, 13.4977,
9.2760

■ 25.6952, 26.4300,
27.8683

■ 15.2590, 11.3849,
6.4249

■ 28.8262, 30.8820,
34.4924

■ 14.1074, 9.6757,
4.2101

■ 32.3369, 35.8571,
41.9707

■ 13.2255, 8.3443,
2.5827

■ 36.2392, 41.3715,
50.3320

■ 12.5907, 7.3617,
1.4865

■ 40.5449, 47.4408,
59.6040

■ 12.1756, 6.6944,
0.8457

■ 45.2650, 54.0799,
69.8130

■ 12.0364, 6.4756,
0.6155

■ 50.4103, 61.3031,
80.9842

■ 55.9910, 69.1244,
93.1421

Harmonies

Analogous

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



20.9218, 19.0254, 20.6846



20.5195, 19.0254, 17.0588



19.4581, 19.0254, 14.6985

Triad

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



20.5195, 19.0254, 17.0588



15.8377, 19.0254, 17.1058



18.0938, 19.0254, 29.4569

Complementary

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



20.5195, 19.0254, 17.0588



21.1677, 24.6718, 30.8406

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.



16.7744, 19.0254, 28.1843



20.5195, 19.0254, 17.0588



15.5135, 19.0254, 20.7463

Square

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



20.5195, 19.0254, 17.0588



16.7566, 19.0254, 14.7230



15.8476, 19.0254, 24.8605



19.4777, 19.0254, 28.1464

Rectangle

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



20.5195, 19.0254, 17.0588



18.5455, 19.0254, 13.9871



15.8476, 19.0254, 24.8605



17.6284, 19.0254, 29.3153

Sweetspot

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



20.5200, 19.0263, 17.0592



43.8895, 44.5734, 46.1326



22.2279, 19.0105, 28.2074



9.6110, 9.6981, 9.9420



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.



20.5200, 19.0263, 17.0592



34.2022, 30.6875, 25.9827



22.7577, 23.5016, 17.8051



5.8483, 5.9104, 6.0731



10.6010, 5.7165, 0.5447



0.1397, 0.0898, 0.0100

Inverse Universe

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



21.1677, 24.6718, 30.8406



35.5286, 42.2660, 54.2591



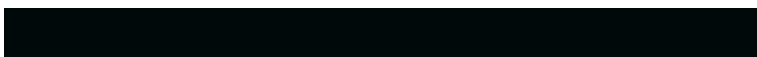
18.6778, 19.6920, 30.0107



5.9111, 6.4562, 7.4044



11.6242, 15.9432, 26.3957



0.1546, 0.2198, 0.3272

Previews

White Background



This preview shows how the XYZ color 20.5195, 19.0254, 17.0588 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 20.5195, 19.0254, 17.0588 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 20.5195, 19.0254, 17.0588

Background



This preview shows how black text looks on a background with the XYZ color 20.5195, 19.0254, 17.0588.



This preview shows how white text looks on a background with the XYZ color 20.5195, 19.0254,

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

20.5195, 19.0254, 17.0588

Protanopia

18.2755, 19.2270, 18.3707

Deuteranopia

19.3846, 19.1237, 16.8569



Tritanopia

21.1072, 18.9280, 20.3103

Trichromacy



Original Color

20.5195, 19.0254, 17.0588

Protanomaly

19.0759, 19.1133, 18.0131

Deuteranomaly

19.7674, 19.1489, 16.8416

Tritanomaly

20.9792, 19.0523, 19.0947

Monochromacy



Original Color

20.5195, 19.0254, 17.0588

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1678, 19.3033, 19.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5195, 19.0254, 17.0588 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(146, 113, 109)` looks like.

```
.text, #text, p{  
    color:rgb(146, 113, 109)  
}
```

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(146, 113, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 113, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.5195, 19.0254, 17.0588 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(146, 113, 109) }
```


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

```
.border{ border-color:rgb(146, 113, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 113, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 113, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 113, 109);  
box-shadow:4px 4px 4px 4px rgb(146, 113,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5195, 19.0254, 17.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 113, 109) }
```

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

```
.background{ background-color: rgb(146,  
113, 109) }
```

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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