

Converting Colors

XYZ(18.9651, 17.9297, 17.7057)

Have a look what the booklet for
XYZ(18.9651, 17.9297, 17.7057)
contains.

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Color

**XYZ(18.9256, 17.8571,
17.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	896F70
RGB	137, 111, 112
RGB Percent	54%, 44%, 44%
CMY	0.4627, 0.5647, 0.5608
CMYK	0.00, 0.19, 0.18, 0.46
HSL	358°, 10%, 49%
HSV	358°, 19%, 54%
XYZ	18.9256, 17.8571, 17.7785
YIQ	118.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

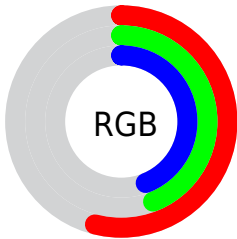
Format	Color
RYB	137, 111, 112
Decimal	9006960
CIELab	49.32, 10.41, 3.31
CIELCh	49, 10.924, 17.644
Yxy	17.8571, 0.3469, 0.3273
Android (android.graphics.Color)	4287197040 (0xFF896F70)
YUV	118.8880, -3.3958, 15.8842
Hunter-Lab	42.2577, 5.9925, 4.6361

Details

The XYZ color **18.9256, 17.8571, 17.7785** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9459, 23.0488, 26.6913**, and the grayscale version is **17.5066, 18.4183, 20.0575**.

A 20% lighter version of the original color is **41.2839, 39.9511, 40.6574**, and **6.6334, 5.9514, 5.6496** is the 20% darker color. If you saturate the color by 10%, you get **16.8632, 14.8215, 13.7329**, and if you desaturate by 10%, it is **21.3256, 21.3958, 22.4666**.

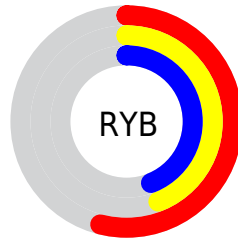
Distribution



Red (54%)

Green (44%)

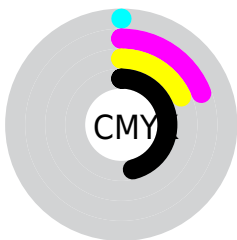
Blue (44%)



Red (54%)

Yellow (44%)

Blue (44%)

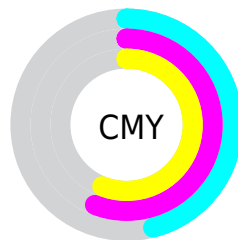


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9256, 17.8571, 17.7785 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 18.9256, 17.8571, 17.7785 by changing the saturation by 10% instead.

■ 18.9256, 17.8571,
17.7785

■ 18.9256, 17.8571,
17.7785

238.9837,
240.0644, 251.8136

■ 11.7202, 10.8474,
10.6233

■ 41.1262, 39.7937,
40.4684

■ 6.6243, 5.9643,
5.7032

■ 56.8521, 55.4894,
56.8401

■ 3.2725, 2.8234,
2.5996

■ 76.1489, 74.8492,
77.1211

■ 1.2995, 1.0402,
0.8922

■ 99.3820, 98.2576,
101.7298

■ 0.1828, 0.0000,
0.0000

126.9166,
126.0989, 131.0849

■ 0.0000, 0.0000,
0.0000

159.1182,

158.7575, 165.6049

196.3521,
196.6179, 205.7083

■ 18.9256, 17.8571,
17.7785

■ 18.9256, 17.8571,
17.7785

■ 16.8632, 14.8215,
13.7329

■ 21.3256, 21.3958,
22.4666

■ 15.1219, 12.2639,
10.3009

■ 24.0759, 25.4565,
27.8224

■ 13.6861, 10.1608,
7.4528

■ 27.1903, 30.0600,
33.8709

■ 12.5379, 8.4854,
5.1560

■ 30.6813, 35.2252,
40.6357

■ 11.6582, 7.2085,
3.3750

■ 34.5610, 40.9701,
48.1392

■ 11.0250, 6.2971,
2.0698

■ 38.8408, 47.3122,
56.4027

■ 10.6132, 5.7127,
1.1949

■ 43.5319, 54.2677,
65.4468

■ 10.3680, 5.3633,
0.6784

■ 48.6446, 61.8528,
75.2913

■ 10.3454, 5.3299,
0.6344

■ 54.1893, 70.0825,
85.9552

Harmonies

Analogous

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



18.9764, 17.8571, 20.6793



18.9256, 17.8571, 17.7785



18.3387, 17.8571, 15.5551

Triad

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



18.9256, 17.8571, 17.7785



15.5543, 17.8571, 15.8753



16.5534, 17.8571, 25.5099

Complementary

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



18.9256, 17.8571, 17.7785



19.9459, 23.0488, 26.6913

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.



15.6762, 17.8571, 23.9309



18.9256, 17.8571, 17.7785



15.1152, 17.8571, 18.2576

Square

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



18.9256, 17.8571, 17.7785



16.3809, 17.8571, 14.5350



15.1589, 17.8571, 21.2090



17.5785, 17.8571, 25.3484

Rectangle

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



18.9256, 17.8571, 17.7785



17.7352, 17.8571, 14.6664



15.1589, 17.8571, 21.2090



16.2323, 17.8571, 25.1590

Sweetspot

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



18.9261, 17.8579, 17.7789



39.5256, 40.2867, 42.8369



20.3050, 18.3850, 26.1455



8.8080, 8.9514, 9.4963



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9261, 17.8579, 17.7789



32.1458, 29.4070, 28.4156



20.2321, 20.5583, 17.9417



5.0401, 5.0515, 5.2999



9.6377, 4.9652, 0.5965



0.0649, 0.0333, 0.0086

Inverse Universe

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



18.9261, 17.8579, 17.7789



32.1458, 29.4070, 28.4156



18.4433, 19.9297, 26.5418



5.0401, 5.0515, 5.2999



9.6377, 4.9652, 0.5965



0.0649, 0.0333, 0.0086

Previews

White Background



This preview shows how the XYZ color 18.9256, 17.8571, 17.7785 looks on a white 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

Black Background



This preview shows how the XYZ color 18.9256, 17.8571, 17.7785 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 18.9256, 17.8571, 17.7785

Background



This preview shows how black text looks on a background with the XYZ color 18.9256, 17.8571, 17.7785.

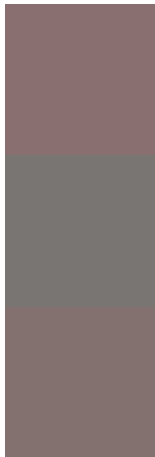


This preview shows how white text looks on a background with the XYZ color 18.9256, 17.8571,

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

18.9256, 17.8571, 17.7785

Protanopia

17.2015, 17.9535, 18.7784

Deuteranopia

18.1898, 17.8054, 17.8073



Tritanopia

19.3869, 17.8870, 19.8835

Trichromacy



Original Color

18.9256, 17.8571, 17.7785

Protanomaly

17.7722, 17.9120, 18.4403

Deuteranomaly

18.3917, 17.7447, 17.7850

Tritanomaly

19.2095, 17.8161, 18.9494

Monochromacy



Original Color

18.9256, 17.8571, 17.7785

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0020, 18.1874, 19.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9256, 17.8571, 17.7785 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(137, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(137, 111, 112)  
}
```

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(137, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.9256, 17.8571, 17.7785 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(137, 111, 112) }
```


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

```
.border{ border-color:rgb(137, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(137, 111,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9256, 17.8571, 17.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 111, 112) }
```

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

```
.background{ background-color: rgb(137,  
111, 112) }
```

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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