

Converting Colors

XYZ(18.0131, 16.9287, 16.7526)

Have a look what the booklet for
XYZ(18.0131, 16.9287, 16.7526)
contains.

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Color

**XYZ(17.9544, 16.8976,
16.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	866C6D
RGB	134, 108, 109
RGB Percent	53%, 42%, 43%
CMY	0.4745, 0.5765, 0.5725
CMYK	0.00, 0.19, 0.19, 0.47
HSL	358°, 11%, 47%
HSV	358°, 19%, 53%
XYZ	17.9544, 16.8976, 16.7833
YIQ	115.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

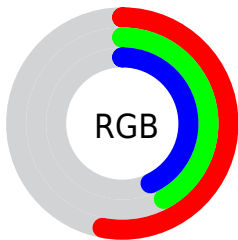
Format	Color
R_YB	134, 108, 109
Decimal	8809581
CIE _{Lab}	48.13, 10.46, 3.34
CIE _{LCh}	48, 10.982, 17.681
Yxy	16.8976, 0.3477, 0.3272
Android (android.graphics.Color)	4286999661 (0xFF866C6D)
YUV	115.8880, -3.3958, 15.8842
Hunter-Lab	41.1067, 6.0277, 4.5674

Details

The XYZ color **17.9544, 16.8976, 16.7833** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9437, 21.9322, 25.4262**, and the grayscale version is **16.5734, 17.4365, 18.9883**.

A 20% lighter version of the original color is **39.4823, 38.0257, 38.5165**, and **6.1415, 5.4643, 5.2885** is the 20% darker color. If you saturate the color by 10%, you get **16.0048, 14.0282, 12.9583**, and if you desaturate by 10%, it is **20.2239, 20.2437, 21.2171**.

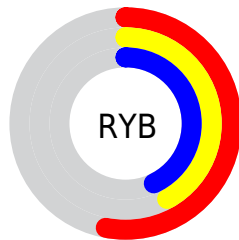
Distribution



Red (53%)

Green (42%)

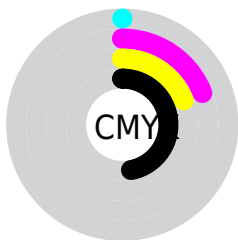
Blue (43%)



Red (53%)

Yellow (42%)

Blue (43%)

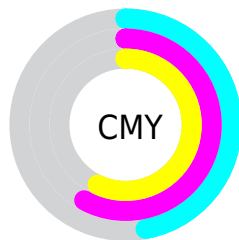


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9544, 16.8976, 16.7833 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 17.9544, 16.8976, 16.7833 by changing the saturation by 10% instead.

■ 17.9544, 16.8976,
16.7833

■ 17.9544, 16.8976,
16.7833

233.6645,
234.5816, 245.9220

■ 11.0167, 10.1615,
9.9198

■ 39.4903, 38.1496,
38.7383

■ 6.1455, 5.5062,
5.2409

■ 54.8193, 53.4344,
54.6670

■ 2.9752, 2.5472,
2.3281

■ 73.6760, 72.3374,
74.4544

■ 1.1407, 0.9002,
0.7469

■ 96.4260, 95.2432,
98.5191

■ 0.0587, 0.0000,
0.0000

123.4344,
122.5361, 127.2797

■ 0.0000, 0.0000,
0.0000

155.0667,

154.6006, 161.1547

191.6883,
191.8209, 200.5626

■ 17.9544, 16.8976,
16.7833

■ 17.9544, 16.8976,
16.7833

■ 16.0048, 14.0282,
12.9583

■ 20.2239, 20.2437,
21.2171

■ 14.3593, 11.6116,
9.7145

■ 22.8253, 24.0844,
26.2836

■ 13.0032, 9.6254,
7.0239

■ 25.7717, 28.4394,
32.0066

■ 11.9196, 8.0444,
4.8555

■ 29.0751, 33.3268,
38.4083

■ 11.0901, 6.8406,
3.1755

■ 32.7468, 38.7635,
45.5100

■ 10.4939, 5.9828,
1.9459

■ 36.7977, 44.7662,
53.3322

■ 10.1072, 5.4343,
1.1234

■ 41.2384, 51.3503,
61.8941

■ 9.8727, 5.0988,
0.6336

■ 46.0787, 58.5310,
71.2146

■ 9.8597, 5.0796,
0.6084

■ 51.3284, 66.3228,
81.3118

Harmonies

Analogous

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



18.0044, 16.8976, 19.5933



17.9544, 16.8976, 16.7833



17.3842, 16.8976, 14.6354

Triad

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



17.9544, 16.8976, 16.7833



14.6864, 16.8976, 14.9489



15.6557, 16.8976, 24.2912

Complementary

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



17.9544, 16.8976, 16.7833



18.9437, 21.9322, 25.4262

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.



14.8060, 16.8976, 22.7572



17.9544, 16.8976, 16.7833



14.2621, 16.8976, 17.2535

Square

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



17.9544, 16.8976, 16.7833



15.4863, 16.8976, 13.6540



14.3050, 16.8976, 20.1144



16.6491, 16.8976, 24.1318

Rectangle

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



17.9544, 16.8976, 16.7833



16.7987, 16.8976, 13.7788



14.3050, 16.8976, 20.1144



15.3446, 16.8976, 23.9504

Sweetspot

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



17.9549, 16.8984, 16.7837



37.0650, 37.7814, 40.1753



19.2917, 17.4093, 24.8979



8.2977, 8.4340, 8.9484



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9549, 16.8984, 16.7837



30.1574, 27.5978, 26.6769



19.2192, 19.5125, 16.9417



4.6793, 4.6914, 4.9234



9.2409, 4.7607, 0.5751



0.0325, 0.0167, 0.0043

Inverse Universe

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



17.9549, 16.8984, 16.7837



30.1574, 27.5978, 26.6769



17.4845, 18.9029, 25.2815



4.6793, 4.6914, 4.9234



9.2409, 4.7607, 0.5751



0.0325, 0.0167, 0.0043

Previews

White Background



This preview shows how the XYZ color 17.9544, 16.8976, 16.7833 looks on a white background.

Color Contrast Check

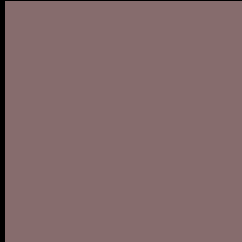
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9544, 16.8976, 16.7833 looks on a black 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

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

XYZ 17.9544, 16.8976, 16.7833

Background



This preview shows how black text looks on a background with the XYZ color 17.9544, 16.8976, 16.7833.



This preview shows how white text looks on a background with the XYZ color 17.9544, 16.8976,

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

17.9544, 16.8976, 16.7833

Protanopia

16.2781, 16.9864, 17.7500

Deuteranopia

17.3468, 17.0622, 16.8471



Tritanopia

18.3439, 16.9041, 18.5156

Trichromacy



Original Color

17.9544, 16.8976, 16.7833

Protanomaly

16.8318, 16.9470, 17.4229

Deuteranomaly

17.5422, 17.0018, 16.8251

Tritanomaly

18.2300, 16.8585, 17.9160

Monochromacy



Original Color

17.9544, 16.8976, 16.7833

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0541, 17.2135, 18.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9544, 16.8976, 16.7833 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(134, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 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(134, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.9544, 16.8976, 16.7833 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(134, 108, 109) }
```


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

```
.border{ border-color:rgb(134, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9544, 16.8976, 16.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 109) }
```

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

```
.background{ background-color: rgb(134,  
108, 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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