

Converting Colors

XYZ(16.8959, 16.8056, 14.5932)

Have a look what the booklet for
XYZ(16.8959, 16.8056, 14.5932)
contains.

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Color

**XYZ(16.9355, 16.8977,
14.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	806F65
RGB	128, 111, 101
RGB Percent	50%, 44%, 40%
CMY	0.4980, 0.5647, 0.6039
CMYK	0.00, 0.13, 0.21, 0.50
HSL	22°, 12%, 45%
HSV	22°, 21%, 50%
XYZ	16.9355, 16.8977, 14.6809
YIQ	114.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

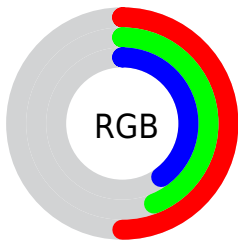
Format	Color
R_{YB}	128, 117, 101
Decimal	8417125
CIE _{Lab}	48.13, 4.93, 8.01
CIE _{LCh}	48, 9.409, 58.403
Yxy	16.8977, 0.3491, 0.3483
Android (android.graphics.Color)	4286607205 (0xFF806F65)
YUV	114.9430, -6.8739, 11.4510
Hunter-Lab	41.1068, 1.6029, 7.5999

Details

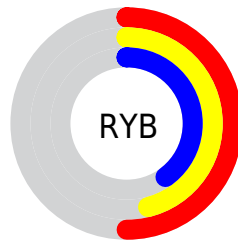
The XYZ color **16.9355, 16.8977, 14.6809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7414, 17.2816, 22.9282**, and the grayscale version is **16.2962, 17.1448, 18.6707**.

A 20% lighter version of the original color is **37.8207, 38.2851, 35.1022**, and **5.5852, 5.4411, 4.2459** is the 20% darker color. If you saturate the color by 10%, you get **15.5167, 14.9868, 11.3511**, and if you desaturate by 10%, it is **18.5322, 19.0079, 18.5524**.

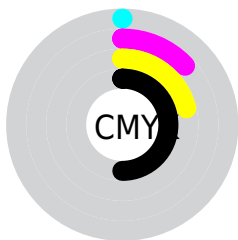
Distribution



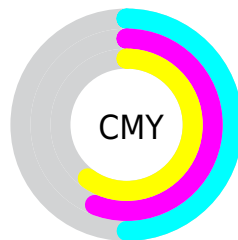
- Red (50%)
- Green (44%)
- Blue (40%)



- Red (50%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9355, 16.8977, 14.6809 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 16.9355, 16.8977, 14.6809 by changing the saturation by 10% instead.

■ 16.9355, 16.8977,
14.6809

■ 16.9355, 16.8977,
14.6809

227.9639,
234.5822, 233.0004

■ 10.2835, 10.1616,
8.4516

■ 37.7593, 38.1498,
35.0268

■ 5.6511, 5.5062,
4.2934

■ 52.6619, 53.4346,
49.9804

■ 2.6727, 2.5472,
1.7876

■ 71.0454, 72.3377,
68.6792

■ 0.9831, 0.9002,
0.4198

■ 93.2751, 95.2435,
91.5418

■ 0.0000, 0.0000,
0.0000

119.7165,
122.5365, 118.9867

150.7348,

154.6010, 151.4324

186.6955,
191.8214, 189.2975

■ 16.9355, 16.8977,
14.6809

■ 16.9355, 16.8977,
14.6809

■ 15.5167, 14.9868,
11.3511

■ 18.5322, 19.0079,
18.5524

■ 14.2680, 13.2669,
8.5375

■ 20.3117, 21.3207,
22.9873

■ 13.1826, 11.7325,
6.2141

■ 22.2804, 23.8425,
28.0077

■ 12.2531, 10.3769,
4.3523

■ 24.4439, 26.5784,
33.6340

■ 11.4712, 9.1930,
2.9202

■ 26.8076, 29.5335,
39.8854

■ 10.8276, 8.1730,
1.8820

■ 29.3766, 32.7128,
46.7807

■ 10.3121, 7.3087,
1.1961

■ 32.1560, 36.1208,
54.3375

■ 9.9356, 6.6561,
0.7611

■ 35.1505, 39.7621,
62.5731

■ 38.3647, 43.6413,
71.5037

Harmonies

Analogous

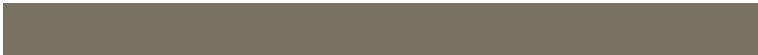
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.5471, 16.8977, 16.2537



16.9355, 16.8977, 14.6809



16.1065, 16.8977, 14.0915

Triad

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



16.9355, 16.8977, 14.6809



14.4764, 16.8977, 18.2681



16.8536, 16.8977, 22.8475

Complementary

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



16.9355, 16.8977, 14.6809



15.7414, 17.2816, 22.9282

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.



16.0151, 16.8977, 23.5048



16.9355, 16.8977, 14.6809



14.6608, 16.8977, 20.7247

Square

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



16.9355, 16.8977, 14.6809



14.7039, 16.8977, 16.0458



15.2167, 16.8977, 22.6965



17.4986, 16.8977, 20.9711

Rectangle

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



16.9355, 16.8977, 14.6809



15.5485, 16.8977, 14.2920



15.2167, 16.8977, 22.6965



16.5841, 16.8977, 23.2252

Sweetspot

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



16.9360, 16.8985, 14.6813



34.1402, 35.4386, 36.4069



16.8319, 15.2071, 19.2190



7.9552, 8.2478, 8.4293



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.9360, 16.8985, 14.6813



28.6605, 28.2013, 23.1054



18.5091, 20.0447, 15.2056



4.4481, 4.5850, 4.5707



9.8530, 6.6024, 0.7551



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7414, 17.2816, 22.9282



26.1875, 28.9925, 40.1722



14.2742, 14.3473, 22.4391



4.3167, 4.6273, 5.4789



6.7515, 7.3215, 21.3073



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9355, 16.8977, 14.6809 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 16.9355, 16.8977, 14.6809 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 16.9355, 16.8977, 14.6809

Background



This preview shows how black text looks on a background with the XYZ color 16.9355, 16.8977, 14.6809.



This preview shows how white text looks on a background with the XYZ color 16.9355, 16.8977,

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

16.9355, 16.8977, 14.6809

Protanopia

16.0732, 16.9358, 15.2538

Deuteranopia

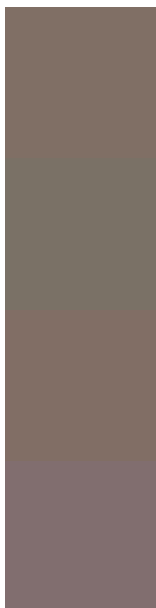
17.1308, 16.8373, 14.6589



Tritanopia

17.8854, 16.9675, 19.1620

Trichromacy



Original Color

16.9355, 16.8977, 14.6809

Protanomaly

16.3294, 16.9071, 14.9731

Deuteranomaly

16.9782, 16.7586, 14.6518

Tritanomaly

17.4984, 16.9667, 17.3916

Monochromacy



Original Color

16.9355, 16.8977, 14.6809

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5775, 17.1535, 17.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9355, 16.8977, 14.6809 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(128, 111, 101)` looks like.

```
.text, #text, p{  
    color:rgb(128, 111, 101)  
}
```

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(128, 111, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.9355, 16.8977, 14.6809 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(128, 111, 101) }
```


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

```
.border{ border-color:rgb(128, 111, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 111, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 101);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9355, 16.8977, 14.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 101) }
```

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

```
.background{ background-color: rgb(128,  
111, 101) }
```

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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