

Converting Colors

XYZ(16.5534, 16.4627, 13.9038)

Have a look what the booklet for
XYZ(16.5534, 16.4627, 13.9038)
contains.

XYZ(16.4256, 16.3311, 13.8418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4256, 16.3311,
13.8418)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6D62
RGB	127, 109, 98
RGB Percent	50%, 43%, 38%
CMY	0.5020, 0.5725, 0.6157
CMYK	0.00, 0.14, 0.23, 0.50
HSL	23°, 13%, 44%
HSV	23°, 23%, 50%
XYZ	16.4256, 16.3311, 13.8418
YIQ	113.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

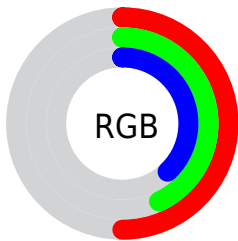
Format	Color
R_{YB}	127, 116, 98
Decimal	8351074
CIE _{Lab}	47.41, 5.20, 8.76
CIE _{LCh}	47, 10.186, 59.286
Yxy	16.3311, 0.3525, 0.3505
Android (android.graphics.Color)	4286541154 (0xFF7F6D62)
YUV	113.1280, -7.4581, 12.1657
Hunter-Lab	40.4118, 1.8318, 7.9803

Details

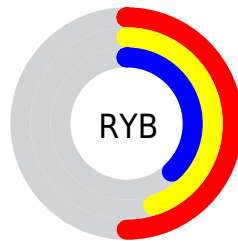
The XYZ color **16.4256, 16.3311, 13.8418** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1130, 16.6194, 22.4900**, and the grayscale version is **15.7528, 16.5732, 18.0482**.

A 20% lighter version of the original color is **36.8180, 37.0148, 33.6378**, and **5.4030, 5.2710, 3.9814** is the 20% darker color. If you saturate the color by 10%, you get **15.0696, 14.5037, 10.6624**, and if you desaturate by 10%, it is **17.9531, 18.3489, 17.5482**.

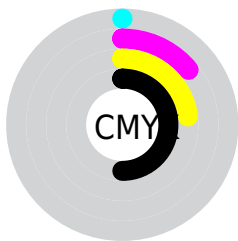
Distribution



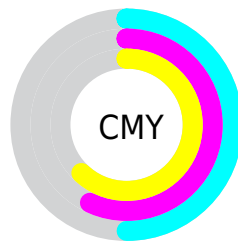
- Red (50%)
- Green (43%)
- Blue (38%)



- Red (50%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4256, 16.3311, 13.8418 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 16.4256, 16.3311, 13.8418 by changing the saturation by 10% instead.

■ 16.4256, 16.3311,
13.8418

■ 16.4256, 16.3311,
13.8418

225.0615,
231.2876, 227.6385

■ 9.9186, 9.7588,
7.8732

■ 36.8870, 37.1721,
33.5211

■ 5.4069, 5.2393,
3.9273

■ 51.5721, 52.2095,
48.0690

■ 2.5251, 2.3883,
1.5856

■ 69.7139, 70.8373,
66.3137

■ 0.9079, 0.8199,
0.2805

■ 91.6779, 93.4401,
88.6737

■ 0.0000, 0.0000,
0.0000

117.8292,
120.4021, 115.5677

148.5334,

152.1077, 147.4141

184.1557,
188.9415, 184.6316

■ 16.4256, 16.3311,
13.8418

■ 16.4256, 16.3311,
13.8418

■ 15.0696, 14.5037,
10.6624

■ 17.9531, 18.3489,
17.5482

■ 13.8772, 12.8587,
7.9848

■ 19.6568, 20.5603,
21.8033

■ 12.8422, 11.3908,
5.7830

■ 21.5430, 22.9714,
26.6287

■ 11.9569, 10.0936,
4.0287

■ 23.6171, 25.5870,
32.0446

■ 11.2133, 8.9602,
2.6900

■ 25.8843, 28.4121,
38.0702

■ 10.6024, 7.9833,
1.7312

■ 28.3498, 31.4514,
44.7238

■ 10.1136, 7.1546,
1.1093

■ 31.0183, 34.7092,
52.0229

■ 9.8169, 6.6410,
0.7644

■ 33.8945, 38.1901,
59.9845

■ 36.9829, 41.8983,
68.6247

Harmonies

Analogous

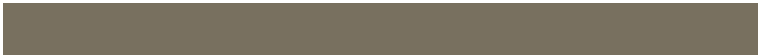
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.0856, 16.3311, 15.4596



16.4256, 16.3311, 13.8418



15.5438, 16.3311, 13.2605

Triad

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



16.4256, 16.3311, 13.8418



13.8507, 16.3311, 17.7200



16.3868, 16.3311, 22.4787

Complementary

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



16.4256, 16.3311, 13.8418



15.1130, 16.6194, 22.4900

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.



15.5006, 16.3311, 23.2291



16.4256, 16.3311, 13.8418



14.0572, 16.3311, 20.3257

Square

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



16.4256, 16.3311, 13.8418



14.0775, 16.3311, 15.3621



14.6526, 16.3311, 22.4064



17.0626, 16.3311, 20.4431

Rectangle

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



16.4256, 16.3311, 13.8418



14.9560, 16.3311, 13.4909



14.6526, 16.3311, 22.4064



16.1025, 16.3311, 22.8979

Sweetspot

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



16.4260, 16.3318, 13.8421



33.8393, 35.0596, 35.6200



16.2940, 14.5171, 18.5785



7.8906, 8.1667, 8.2593



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.



16.4260, 16.3318, 13.8421



28.2097, 27.6306, 21.9348



18.0566, 19.5930, 14.3857



4.4511, 4.5909, 4.5717



9.8993, 6.6950, 0.7705



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1130, 16.6194, 22.4900



25.4561, 28.2313, 40.0638



13.6062, 13.6058, 21.9878



4.3136, 4.6212, 5.4779



6.6686, 7.1557, 21.2797



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4256, 16.3311, 13.8418 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 16.4256, 16.3311, 13.8418 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 16.4256, 16.3311, 13.8418

Background



This preview shows how black text looks on a background with the XYZ color 16.4256, 16.3311, 13.8418.



This preview shows how white text looks on a background with the XYZ color 16.4256, 16.3311,

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

16.4256, 16.3311, 13.8418

Protanopia

15.5656, 16.3600, 14.3940

Deuteranopia

16.6204, 16.2741, 13.8205



Tritanopia

17.4055, 16.4203, 18.4717

Trichromacy



Original Color

16.4256, 16.3311, 13.8418

Protanomaly

15.8217, 16.3347, 14.1234

Deuteranomaly

16.4693, 16.1962, 13.8134

Tritanomaly

17.0250, 16.4184, 16.7398

Monochromacy



Original Color

16.4256, 16.3311, 13.8418

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9722, 16.5226, 16.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4256, 16.3311, 13.8418 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(127, 109, 98)` looks like.

```
.text, #text, p{  
    color:rgb(127, 109, 98)  
}
```

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(127, 109, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 109, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.4256, 16.3311, 13.8418 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(127, 109, 98) }
```


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

```
.border{ border-color:rgb(127, 109, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 109, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 109, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 109, 98);  
box-shadow:4px 4px 4px 4px rgb(127, 109,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4256, 16.3311, 13.8418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 109, 98) }
```

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

```
.background{ background-color: rgb(127,  
109, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor