

Converting Colors

XYZ(16.8984, 14.4611, 16.6525)

Have a look what the booklet for
XYZ(16.8984, 14.4611, 16.6525)
contains.

XYZ(16.8984, 14.4611, 16.6525)	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(16.8984, 14.4611,
16.6525)**

Conversions

Conversions Part 1	
Format	Color
Hex	875F6E
RGB	135, 95, 110
RGB Percent	53%, 37%, 43%
CMY	0.4706, 0.6274, 0.5686
CMYK	0.00, 0.30, 0.19, 0.47
HSL	338°, 17%, 45%
HSV	338°, 30%, 53%
XYZ	16.8984, 14.4611, 16.6525
YIQ	108.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

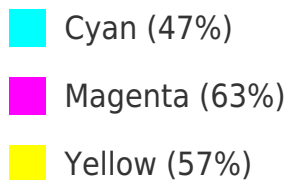
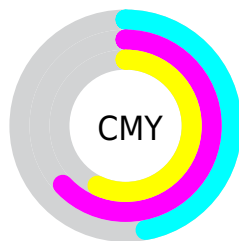
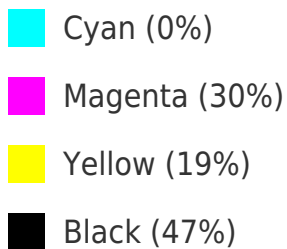
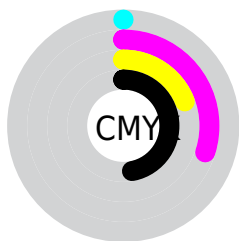
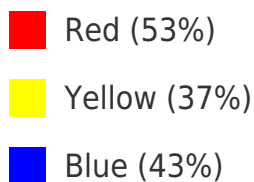
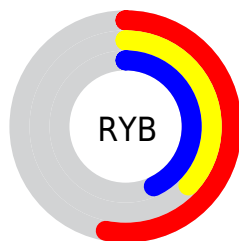
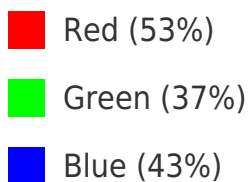
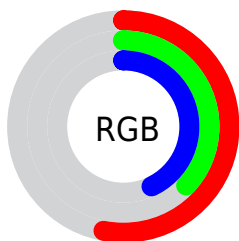
Format	Color
RYB	135, 95, 110
Decimal	8871790
CIELab	44.89, 18.71, -1.98
CIELCh	45, 18.811, 353.965
Yxy	14.4611, 0.3520, 0.3012
Android (android.graphics.Color)	4287061870 (0xFF875F6E)
YUV	108.6700, 0.6557, 23.0914
Hunter-Lab	38.0278, 12.7715, 0.6561

Details

The XYZ color **16.8984, 14.4611, 16.6525** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7741, 21.1174, 20.9623**, and the grayscale version is **14.4372, 15.1891, 16.5409**.

A 20% lighter version of the original color is **37.7867, 33.9852, 38.7506**, and **5.6103, 4.3576, 5.2480** is the 20% darker color. If you saturate the color by 10%, you get **15.3484, 12.0615, 13.9761**, and if you desaturate by 10%, it is **18.7038, 17.3010, 19.6302**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8984, 14.4611, 16.6525 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 16.8984, 14.4611, 16.6525 by changing the saturation by 10% instead.


 16.8984, 14.4611,
16.6525


 16.8984, 14.4611,
16.6525


227.7539,
220.0808, 245.1376


 10.2569, 8.4421,
9.8277


 37.6960, 33.9050,
38.5098


 5.6332, 4.3791,
5.1808

 52.5828, 48.0986,
54.3793

 2.6619, 1.8878,
2.2931

 70.9488, 65.7859,
74.1009

 0.9776, 0.5410,
0.7274

 93.1594, 87.3512,
98.0930

 0.0000, 0.0000,
0.0000


119.5798,
113.1789, 126.7741


150.5754,


143.6535, 160.5629


186.5117,
179.1593, 199.8779


 16.8984, 14.4611,
16.6525


 16.8984, 14.4611,
16.6525


 15.3484, 12.0615,
13.9761


 18.7038, 17.3010,
19.6302


 14.0404, 10.0781,
11.5901


 20.7745, 20.6000,
22.9179


 12.9618, 8.4873,
9.4842


 23.1216, 24.3779,
26.5249


 12.0980, 7.2623,
7.6470


 25.7550, 28.6530,
30.4599

 11.4330, 6.3731,
6.0661


 28.6842, 33.4427,
34.7312


 10.9480, 5.7848,
4.7280


 31.9182, 38.7632,
39.3468

 10.5933, 5.4003,
3.6084

 35.4657, 44.6304,
44.3145

 10.5810, 5.3866,
3.5703

 39.3349, 51.0592,
49.6418

 43.5339, 58.0641,
55.3359

Harmonies

Analogous

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



16.2760, 14.4611, 21.2684



16.8984, 14.4611, 16.6525



16.6263, 14.4611, 12.5519

Triad

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



16.8984, 14.4611, 16.6525



12.5790, 14.4611, 9.2084



12.0785, 14.4611, 23.6300

Complementary

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



16.8984, 14.4611, 16.6525



16.7741, 21.1174, 20.9623

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.



11.2172, 14.4611, 19.4399



16.8984, 14.4611, 16.6525



11.4907, 14.4611, 11.2727

Square

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



16.8984, 14.4611, 16.6525



14.0579, 14.4611, 8.7392



11.0103, 14.4611, 14.8724



13.4364, 14.4611, 25.7520

Rectangle

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



16.8984, 14.4611, 16.6525



15.9837, 14.4611, 10.5703



11.0103, 14.4611, 14.8724



11.7254, 14.4611, 22.3829

Sweetspot

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



16.8988, 14.4618, 16.6528



37.3716, 37.1607, 41.3045



16.1655, 13.9037, 24.7536



8.5369, 8.4171, 9.3814



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.



16.8988, 14.4618, 16.6528



28.2242, 22.7350, 26.3272



16.5830, 15.0283, 12.8540



4.7394, 4.7155, 5.2403



9.7630, 4.9695, 3.3243



0.0372, 0.0186, 0.0291

Inverse Universe

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



16.8988, 14.4618, 16.6528



28.2242, 22.7350, 26.3272



17.1201, 20.2367, 25.9257



4.7394, 4.7155, 5.2403



9.7630, 4.9695, 3.3243



0.0372, 0.0186, 0.0291

Previews

White Background



This preview shows how the XYZ color 16.8984, 14.4611, 16.6525 looks on a white background.

Color Contrast Check

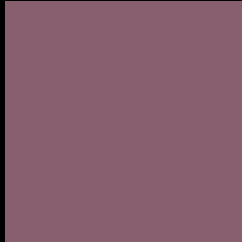
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8984, 14.4611, 16.6525 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 16.8984, 14.4611, 16.6525

Background



This preview shows how black text looks on a background with the XYZ color 16.8984, 14.4611, 16.6525.



This preview shows how white text looks on a background with the XYZ color 16.8984, 14.4611,

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

16.8984, 14.4611, 16.6525

Protanopia

14.1906, 14.5957, 18.8989

Deuteranopia

14.8130, 14.5176, 16.4894



Tritanopia

16.4626, 14.4133, 14.7463

Trichromacy



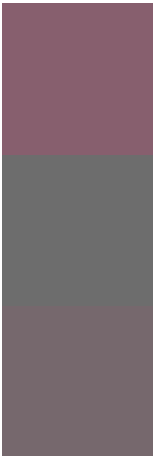
Original Color
16.8984, 14.4611, 16.6525

Protanomaly
14.9911, 14.4307, 17.9149

Deuteranomaly
15.4859, 14.4294, 16.4370

Tritanomaly
16.6159, 14.4747, 15.5538

Monochromacy



Original Color
16.8984, 14.4611, 16.6525

Achromatopsia
14.5356, 15.2926, 16.6537

Achromatomaly
15.1818, 14.8563, 16.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8984, 14.4611, 16.6525 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(135, 95, 110) looks like.

```
.text, #text, p{  
    color:rgb(135, 95, 110)  
}
```

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(135, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 95, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.8984, 14.4611, 16.6525 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(135, 95, 110) }
```


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

```
.border{ border-color:rgb(135, 95, 110) }
```

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

Here you see how a box with a 4 pixel rgb(135, 95, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(135, 95,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8984, 14.4611, 16.6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 95, 110) }
```

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

```
.background{ background-color: rgb(135, 95,  
110) }
```

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