

Converting Colors

XYZ(15.4395, 13.4793, 15.3071)

Have a look what the booklet for
XYZ(15.4395, 13.4793, 15.3071)
contains.

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Color

**XYZ(15.4180, 13.4585,
15.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	805D6A
RGB	128, 93, 106
RGB Percent	50%, 36%, 42%
CMY	0.4980, 0.6353, 0.5843
CMYK	0.00, 0.27, 0.17, 0.50
HSL	338°, 16%, 43%
HSV	338°, 27%, 50%
XYZ	15.4180, 13.4585, 15.4208
YIQ	104.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

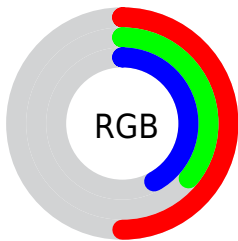
Format	Color
R_{YB}	128, 93, 106
Decimal	8412522
CIE Lab	43.45, 16.46, -1.76
CIE LCh	43, 16.549, 353.904
Yxy	13.4585, 0.3481, 0.3038
Android (android.graphics.Color)	4286602602 (0xFF805D6A)
YUV	104.9470, 0.5191, 20.2175
Hunter-Lab	36.6858, 10.8182, 0.7577

Details

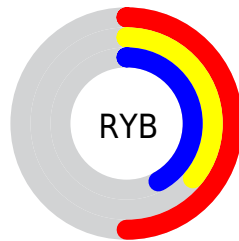
The XYZ color **15.4180, 13.4585, 15.4208** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3285, 19.0038, 19.0808**, and the grayscale version is **13.4087, 14.1070, 15.3625**.

A 20% lighter version of the original color is **35.1151, 32.2046, 36.2636**, and **4.9478, 3.9685, 4.6429** is the 20% darker color. If you saturate the color by 10%, you get **13.9882, 11.2373, 12.9757**, and if you desaturate by 10%, it is **17.0759, 16.0728, 18.1360**.

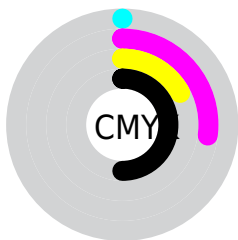
Distribution



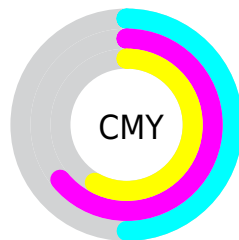
- Red (50%)
- Green (36%)
- Blue (42%)



- Red (50%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4180, 13.4585, 15.4208 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 15.4180, 13.4585, 15.4208 by changing the saturation by 10% instead.

■ 15.4180, 13.4585,
15.4208

■ 15.4180, 13.4585,
15.4208

219.2211,
213.8356, 237.6271

■ 9.2015, 7.7450,
8.9654

■ 35.1505, 32.1251,
36.3424

■ 4.9310, 3.9322,
4.6221

■ 49.3972, 45.8470,
51.6456

■ 2.2412, 1.6357,
1.9725

■ 67.0513, 63.0071,
70.7352

■ 0.7643, 0.3815,
0.5383

■ 88.4783, 83.9899,
94.0297

■ 0.0000, 0.0000,
0.0000

114.0433,
109.1798, 121.9476

144.1119,

138.9611, 154.9074

179.0494,
173.7182, 193.3277

■ 15.4180, 13.4585,
15.4208

■ 15.4180, 13.4585,
15.4208

■ 13.9882, 11.2373,
12.9757

■ 17.0759, 16.0728,
18.1360

■ 12.7749, 9.3883,
10.7911

■ 18.9706, 19.0961,
21.1288

■ 11.7673, 7.8911,
8.8580

■ 21.1114, 22.5459,
24.4074

■ 10.9530, 6.7232,
7.1664

■ 23.5072, 26.4378,
27.9795

■ 10.3182, 5.8587,
5.7056

■ 26.1662, 30.7869,
31.8524

■ 9.8472, 5.2685,
4.4640

■ 29.0961, 35.6075,
36.0331

■ 9.5079, 4.8906,
3.4240

■ 32.3046, 40.9132,
40.5285

■ 9.4262, 4.7989,
3.1760

■ 35.7988, 46.7170,
45.3452

■ 39.5857, 53.0316,
50.4895

Harmonies

Analogous

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



14.9009, 13.4585, 19.2462



15.4180, 13.4585, 15.4208



15.1942, 13.4585, 11.9619

Triad

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



15.4180, 13.4585, 15.4208



11.8137, 13.4585, 9.0755



11.3866, 13.4585, 21.1704

Complementary

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



15.4180, 13.4585, 15.4208



15.3285, 19.0038, 19.0808

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.



10.6572, 13.4585, 17.7225



15.4180, 13.4585, 15.4208



10.8919, 13.4585, 10.8574

Square

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



15.4180, 13.4585, 15.4208



13.0569, 13.4585, 8.6685



10.4823, 13.4585, 13.9131



12.5305, 13.4585, 22.9058

Rectangle

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



15.4180, 13.4585, 15.4208



14.6620, 13.4585, 10.2624



10.4823, 13.4585, 13.9131



11.0880, 13.4585, 20.1479

Sweetspot

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



15.4184, 13.4591, 15.4211



33.1027, 33.1444, 36.7370



14.8267, 13.0045, 22.1510



7.6420, 7.5867, 8.4321



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.



15.4184, 13.4591, 15.4211



25.4853, 21.1090, 24.3343



15.1608, 13.9449, 12.2492



4.3887, 4.3686, 4.8513



9.3473, 4.7586, 3.1525



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4184, 13.4591, 15.4211



25.4853, 21.1090, 24.3343



15.6082, 18.2805, 23.1282



4.3887, 4.3686, 4.8513



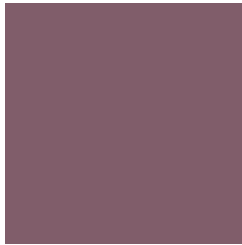
9.3473, 4.7586, 3.1525



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4180, 13.4585, 15.4208 looks on a white background.

Color Contrast Check

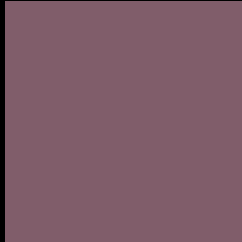
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4180, 13.4585, 15.4208 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 15.4180, 13.4585, 15.4208

Background



This preview shows how black text looks on a background with the XYZ color 15.4180, 13.4585, 15.4208.



This preview shows how white text looks on a background with the XYZ color 15.4180, 13.4585,

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

15.4180, 13.4585, 15.4208

Protanopia

13.1555, 13.4974, 17.2411

Deuteranopia

13.7891, 13.5790, 15.2588



Tritanopia

15.1041, 13.4570, 14.1133

Trichromacy



Original Color

15.4180, 13.4585, 15.4208

Protanomaly

13.8319, 13.4290, 16.6149

Deuteranomaly

14.2957, 13.4209, 15.2016

Tritanomaly

15.2033, 13.4967, 14.6358

Monochromacy



Original Color

15.4180, 13.4585, 15.4208

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0135, 13.8380, 15.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4180, 13.4585, 15.4208 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, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(128, 93, 106)  
}
```

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, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 93, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.4180, 13.4585, 15.4208 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, 93, 106) }
```


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

```
.border{ border-color:rgb(128, 93, 106) }
```

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

Here you see how a box with a 4 pixel rgb(128, 93, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 93, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 93, 106);  
box-shadow:4px 4px 4px 4px rgb(128, 93,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4180, 13.4585, 15.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 93, 106) }
```

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

```
.background{ background-color: rgb(128, 93,  
106) }
```

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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