

Converting Colors

XYZ(15.2126, 13.2005, 15.2463)

Have a look what the booklet for
XYZ(15.2126, 13.2005, 15.2463)
contains.

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Color

**XYZ(15.3308, 13.2841,
15.3917)**

Conversions

Conversions Part 1

Format	Color
Hex	805C6A
RGB	128, 92, 106
RGB Percent	50%, 36%, 42%
CMY	0.4980, 0.6392, 0.5843
CMYK	0.00, 0.28, 0.17, 0.50
HSL	337°, 16%, 43%
HSV	337°, 28%, 50%
XYZ	15.3308, 13.2841, 15.3917
YIQ	104.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

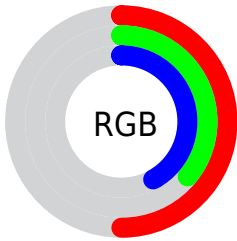
Format	Color
R_{YB}	128, 92, 106
Decimal	8412266
CIE _{Lab}	43.19, 17.05, -2.14
CIE _{LCh}	43, 17.185, 352.859
Yxy	13.2841, 0.3484, 0.3019
Android (android.graphics.Color)	4286602346 (0xFF805C6A)
YUV	104.3600, 0.8085, 20.7323
Hunter-Lab	36.4474, 11.2993, 0.4750

Details

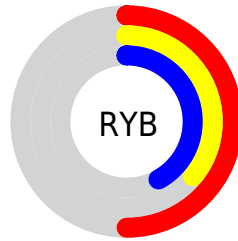
The XYZ color **15.3308, 13.2841, 15.3917** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1707, 18.9290, 18.7747**, and the grayscale version is **13.2497, 13.9397, 15.1803**.

A 20% lighter version of the original color is **34.9643, 31.9030, 36.2134**, and **4.9083, 3.8895, 4.6297** is the 20% darker color. If you saturate the color by 10%, you get **13.9259, 11.0958, 13.0070**, and if you desaturate by 10%, it is **16.9610, 15.8632, 18.0349**.

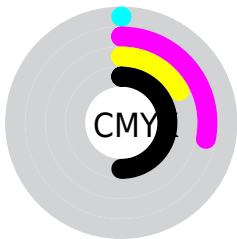
Distribution



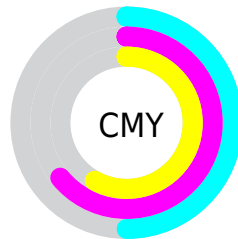
- Red (50%)
- Green (36%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3308, 13.2841, 15.3917 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 15.3308, 13.2841, 15.3917 by changing the saturation by 10% instead.

■ 15.3308, 13.2841,
15.3917

■ 15.3308, 13.2841,
15.3917

218.7087,
212.7305, 237.4469

■ 9.1397, 7.6245,
8.9451

■ 34.9994, 31.8132,
36.2909

■ 4.8903, 3.8556,
4.6091

■ 49.2076, 45.4515,
51.5805

■ 2.2171, 1.5931,
1.9651

■ 66.8188, 62.5182,
70.6549

■ 0.7517, 0.3530,
0.5337

■ 88.1985, 83.3976,
93.9325

■ 0.0000, 0.0000,
0.0000

113.7120,
108.4741, 121.8320

143.7246,

138.1322, 154.7719

178.6017,
172.7562, 193.1706

■ 15.3308, 13.2841,
15.3917

■ 15.3308, 13.2841,
15.3917

■ 13.9259, 11.0958,
13.0070

■ 16.9610, 15.8632,
18.0349

■ 12.7347, 9.2772,
10.8717

■ 18.8250, 18.8493,
20.9437

■ 11.7463, 7.8081,
8.9772

■ 20.9323, 22.2595,
24.1260

■ 10.9484, 6.6656,
7.3140

■ 23.2916, 26.1099,
27.5890

■ 10.3272, 5.8238,
5.8721

■ 25.9110, 30.4153,
31.3396

■ 9.8670, 5.2531,
4.6402

■ 28.7983, 35.1900,
35.3846

■ 9.5312, 4.8826,
3.5999

■ 31.9611, 40.4478,
39.7304

■ 9.4730, 4.8176,
3.4225

■ 35.4064, 46.2018,
44.3832

■ 39.1412, 52.4645,
49.3492

Harmonies

Analogous

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



14.7712, 13.2841, 19.3399



15.3308, 13.2841, 15.3917



15.1262, 13.2841, 11.8072

Triad

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



15.3308, 13.2841, 15.3917



11.6607, 13.2841, 8.7216



11.1474, 13.2841, 21.1060

Complementary

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



15.3308, 13.2841, 15.3917



15.1707, 18.9290, 18.7747

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.



10.4180, 13.2841, 17.4924



15.3308, 13.2841, 15.3917



10.6995, 13.2841, 10.4855

Square

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



15.3308, 13.2841, 15.3917



12.9460, 13.2841, 8.3576



10.2599, 13.2841, 13.5746



12.3116, 13.2841, 22.9937

Rectangle

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



15.3308, 13.2841, 15.3917



14.5903, 13.2841, 10.0414



10.2599, 13.2841, 13.5746



10.8467, 13.2841, 20.0255

Sweetspot

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



15.3312, 13.2847, 15.3920



33.1226, 33.1523, 36.8415



14.6115, 12.7641, 22.1160



7.6474, 7.5888, 8.4602



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.



15.3312, 13.2847, 15.3920



25.3021, 20.7488, 24.2538



14.9808, 13.6555, 11.9721



4.3916, 4.3698, 4.8667



9.3937, 4.7772, 3.3970



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3312, 13.2847, 15.3920



25.3021, 20.7488, 24.2538



15.5683, 18.3501, 23.1438



4.3916, 4.3698, 4.8667



9.3937, 4.7772, 3.3970



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3308, 13.2841, 15.3917 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 15.3308, 13.2841, 15.3917 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 15.3308, 13.2841, 15.3917

Background



This preview shows how black text looks on a background with the XYZ color 15.3308, 13.2841, 15.3917.



This preview shows how white text looks on a background with the XYZ color 15.3308, 13.2841,

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

15.3308, 13.2841, 15.3917

Protanopia

13.0428, 13.4393, 17.2358

Deuteranopia

13.5672, 13.3231, 15.2212



Tritanopia

14.9670, 13.2608, 13.8273

Trichromacy



Original Color

15.3308, 13.2841, 15.3917

Protanomaly

13.7377, 13.2407, 16.5835

Deuteranomaly

14.0688, 13.1676, 15.1647

Tritanomaly

15.0650, 13.3000, 14.3435

Monochromacy



Original Color

15.3308, 13.2841, 15.3917

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.9170, 13.6450, 15.2648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3308, 13.2841, 15.3917 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, 92, 106)` looks like.

```
.text, #text, p{  
  color:rgb(128, 92, 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, 92, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 92, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.3308, 13.2841, 15.3917 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, 92, 106) }
```


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

```
.border{ border-color:rgb(128, 92, 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, 92, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 92, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 92, 106);  
box-shadow:4px 4px 4px 4px rgb(128, 92,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3308, 13.2841, 15.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 92, 106) }
```

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

```
.background{ background-color: rgb(128, 92,  
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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