

Converting Colors

XYZ(15.4612, 13.0642, 16.6415)

Have a look what the booklet for
XYZ(15.4612, 13.0642, 16.6415)
contains.

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Color

**XYZ(15.4275, 13.0492,
16.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	805A6F
RGB	128, 90, 111
RGB Percent	50%, 35%, 44%
CMY	0.4980, 0.6470, 0.5647
CMYK	0.00, 0.30, 0.13, 0.50
HSL	327°, 17%, 43%
HSV	327°, 30%, 50%
XYZ	15.4275, 13.0492, 16.7446
YIQ	103.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

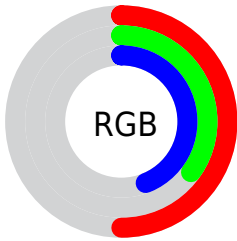
Format	Color
R_{YB}	128, 90, 111
Decimal	8411759
CIE _{Lab}	42.84, 19.14, -5.71
CIE _{LCh}	43, 19.969, 343.388
Yxy	13.0492, 0.3412, 0.2886
Android (android.graphics.Color)	4286601839 (0xFF805A6F)
YUV	103.7560, 3.5713, 21.2620
Hunter-Lab	36.1237, 13.0164, -2.1964

Details

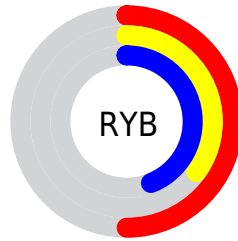
The XYZ color **15.4275, 13.0492, 16.7446** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.5900, 18.6739, 16.7462**, and the grayscale version is **13.0810, 13.7622, 14.9871**.

A 20% lighter version of the original color is **35.0450, 31.2243, 38.8301**, and **4.9398, 3.7799, 5.1719** is the 20% darker color. If you saturate the color by 10%, you get **14.1342, 10.9510, 14.8074**, and if you desaturate by 10%, it is **16.9277, 15.5286, 18.8508**.

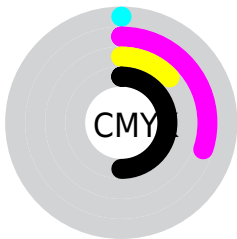
Distribution



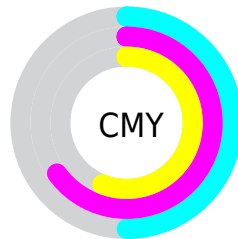
- Red (50%)
- Green (35%)
- Blue (44%)



- Red (50%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (50%)





- Cyan (50%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4275, 13.0492, 16.7446 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 15.4275, 13.0492, 16.7446 by changing the saturation by 10% instead.


 15.4275, 13.0492,
16.7446


 15.4275, 13.0492,
16.7446


219.2768,
211.2327, 245.6902


 9.2082, 7.4624,
9.8925


 35.1669, 31.3921,
38.6707


 4.9354, 3.7529,
5.2231

 49.4178, 44.9171,
54.5819

 2.2438, 1.5363,
2.3177

 67.0766, 61.8569,
74.3498

 0.7657, 0.3141,
0.7411

 88.5087, 82.5960,
98.3931

 0.0000, 0.0000,
0.0000

 114.0794,
107.5187, 127.1302

144.1541,

137.0095, 160.9798

179.0981,
171.4527, 200.3602

■ 15.4275, 13.0492,
16.7446

■ 15.4275, 13.0492,
16.7446

■ 14.1342, 10.9510,
14.8074

■ 16.9277, 15.5286,
18.8508

■ 13.0368, 9.2130,
13.0332

■ 18.6430, 18.4051,
21.1302

■ 12.1249, 7.8149,
11.4169

■ 20.5822, 21.6963,
23.5875

■ 11.3866, 6.7335,
9.9525

■ 22.7537, 25.4176,
26.2272

■ 10.8086, 5.9430,
8.6336

■ 25.1650, 29.5842,
29.0537

■ 10.3756, 5.4131,
7.4528

■ 27.8236, 34.2102,
32.0709

■ 10.0411, 5.0518,
6.3927

■ 30.7365, 39.3091,
35.2828

■ 10.0310, 5.0408,
6.3609

■ 33.9105, 44.8939,
38.6932

■ 37.3520, 50.9772,
42.3059

Harmonies

Analogous

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



14.5263, 13.0492, 21.2198



15.4275, 13.0492, 16.7446



15.4769, 13.0492, 12.3527

Triad

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



15.4275, 13.0492, 16.7446



11.7368, 13.0492, 7.5091



10.3933, 13.0492, 20.7867

Complementary

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



15.4275, 13.0492, 16.7446



14.5900, 18.6739, 16.7462

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.



9.7655, 13.0492, 16.2411



15.4275, 13.0492, 16.7446



10.4972, 13.0492, 8.9415

Square

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



15.4275, 13.0492, 16.7446



13.2594, 13.0492, 7.5893



9.8019, 13.0492, 11.9421



11.5840, 13.0492, 23.8608

Rectangle

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



15.4275, 13.0492, 16.7446



15.0134, 13.0492, 10.0731



9.8019, 13.0492, 11.9421



10.1140, 13.0492, 19.3440

Sweetspot

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



15.4279, 13.0498, 16.7449



32.9778, 32.6652, 37.4024



13.5524, 11.9643, 22.0173



7.6267, 7.4888, 8.6346



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.



15.4279, 13.0498, 16.7449



25.5000, 20.2702, 27.0154



14.5139, 12.6842, 11.9319



4.4194, 4.3809, 5.0131



9.9470, 4.9985, 6.3109



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4279, 13.0498, 16.7449



25.5000, 20.2702, 27.0154



15.6676, 19.1050, 22.4208



4.4194, 4.3809, 5.0131



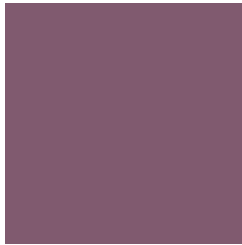
9.9470, 4.9985, 6.3109



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4275, 13.0492, 16.7446 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 15.4275, 13.0492, 16.7446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

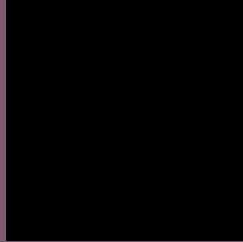
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4275, 13.0492, 16.7446

Background



This preview shows how black text looks on a background with the XYZ color 15.4275, 13.0492, 16.7446.



This preview shows how white text looks on a background with the XYZ color 15.4275, 13.0492,

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

15.4275, 13.0492, 16.7446

Protanopia

12.9607, 13.2120, 19.0066

Deuteranopia

13.4065, 13.2160, 16.3123



Tritanopia

14.8317, 13.0672, 13.5449

Trichromacy



Original Color

15.4275, 13.0492, 16.7446

Protanomaly

13.6759, 13.0384, 18.0155

Deuteranomaly

14.0676, 13.1364, 16.5460

Tritanomaly

14.9417, 12.9735, 14.5486

Monochromacy



Original Color

15.4275, 13.0492, 16.7446

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.9257, 13.4959, 15.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4275, 13.0492, 16.7446 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, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(128, 90, 111)  
}
```

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, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 90, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.4275, 13.0492, 16.7446 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, 90, 111) }
```


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

```
.border{ border-color:rgb(128, 90, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 90, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(128, 90,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4275, 13.0492, 16.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 90, 111) }
```

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

```
.background{ background-color: rgb(128, 90,  
111) }
```

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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