

Converting Colors

XYZ(15.0012, 11.6518, 14.8410)

Have a look what the booklet for
XYZ(15.0012, 11.6518, 14.8410)
contains.

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Color

**XYZ(15.0913, 11.7438,
14.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	855069
RGB	133, 80, 105
RGB Percent	52%, 31%, 41%
CMY	0.4784, 0.6863, 0.5882
CMYK	0.00, 0.40, 0.21, 0.48
HSL	332°, 25%, 42%
HSV	332°, 40%, 52%
XYZ	15.0913, 11.7438, 14.8360
YIQ	98.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

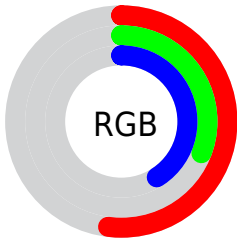
Format	Color
R _Y B	133, 80, 105
Decimal	8736873
CIE Lab	40.81, 25.90, -4.97
CIE LCh	41, 26.369, 349.126
Yxy	11.7438, 0.3622, 0.2818
Android (android.graphics.Color)	4286926953 (0xFF855069)
YUV	98.6970, 3.1074, 30.0837
Hunter-Lab	34.2692, 18.6357, -1.6797

Details

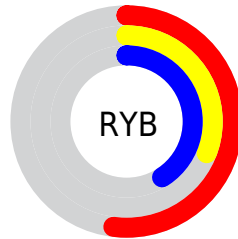
The XYZ color **15.0913, 11.7438, 14.8360** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.4031, 19.5635, 17.2053**, and the grayscale version is **11.7722, 12.3853, 13.4875**.

A 20% lighter version of the original color is **34.4769, 28.9304, 35.2195**, and **4.7873, 3.1870, 4.3658** is the 20% darker color. If you saturate the color by 10%, you get **13.8658, 9.8471, 12.7187**, and if you desaturate by 10%, it is **16.5401, 14.0391, 17.1753**.

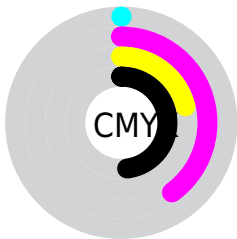
Distribution



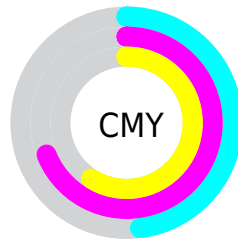
- Red (52%)
- Green (31%)
- Blue (41%)



- Red (52%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0913, 11.7438, 14.8360 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 15.0913, 11.7438, 14.8360 by changing the saturation by 10% instead.

15.0913, 11.7438,
14.8360

15.0913, 11.7438,
14.8360

217.2956,
202.7017, 233.9779

8.9702, 6.5695,
8.5590

34.5836, 29.0276,
35.3034

4.7787, 3.1943,
4.3618

48.6856, 41.9059,
50.3310

2.1514, 1.2340,
1.8259

66.1785, 58.1210,
69.1125

0.7170, 0.0892,
0.4449

87.4278, 78.0572,
92.0664

0.0000, 0.0000,
0.0000

112.7988,
102.0990, 119.6114

142.6569,

130.6308, 152.1660

177.3673,
164.0369, 190.1486

■ 15.0913, 11.7438,
14.8360

■ 15.0913, 11.7438,
14.8360

■ 13.8658, 9.8471,
12.7187

■ 16.5401, 14.0391,
17.1753

■ 12.8505, 8.3241,
10.8150

■ 18.2224, 16.7527,
19.7430

■ 12.0323, 7.1500,
9.1171


■ 20.1489, 19.9048,
22.5461


■ 11.3961, 6.2958,
7.6160

■ 22.3294, 23.5139,
25.5911


■ 10.9246, 5.7280,
6.3021


■ 24.7731, 27.5974,
28.8841


 10.5678, 5.3481,
5.1545

 27.4888, 32.1718,
32.4311

 10.5626, 5.3424,
5.1380

 30.4848, 37.2529,
36.2378

 33.7689, 42.8555,
40.3097

 37.3490, 48.9942,
44.6522

Harmonies

Analogous

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



14.1170, 11.7438, 20.8062



15.0913, 11.7438, 14.8360



14.9277, 11.7438, 9.6929

Triad

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



15.0913, 11.7438, 14.8360



10.0218, 11.7438, 5.3008



8.9646, 11.7438, 22.2941

Complementary

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



15.0913, 11.7438, 14.8360



14.4031, 19.5635, 17.2053

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.



8.0899, 11.7438, 16.4781



15.0913, 11.7438, 14.8360



8.6513, 11.7438, 7.1493

Square

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



15.0913, 11.7438, 14.8360



11.8564, 11.7438, 5.0899



7.9820, 11.7438, 10.9359



10.4955, 11.7438, 25.8473

Rectangle

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



15.0913, 11.7438, 14.8360



14.1999, 11.7438, 7.3144



7.9820, 11.7438, 10.9359



8.5918, 11.7438, 20.4740

Sweetspot

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



15.0916, 11.7444, 14.8362



35.2045, 34.2022, 39.1184



13.2124, 10.5811, 23.5363



7.8476, 7.5682, 8.6924



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0916, 11.7444, 14.8362



24.9834, 17.8669, 23.0496



14.0550, 11.4339, 9.0563



4.7572, 4.7226, 5.3338



10.0651, 5.0904, 4.9152



0.0385, 0.0191, 0.0362

Inverse Universe

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



15.0916, 11.7444, 14.8362



24.9834, 17.8669, 23.0496



15.8093, 19.9333, 25.2046



4.7572, 4.7226, 5.3338



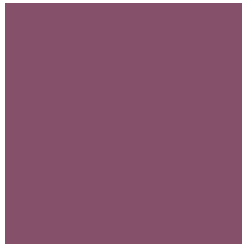
10.0651, 5.0904, 4.9152



0.0385, 0.0191, 0.0362

Previews

White Background



This preview shows how the XYZ color 15.0913, 11.7438, 14.8360 looks on a white background.

Color Contrast Check

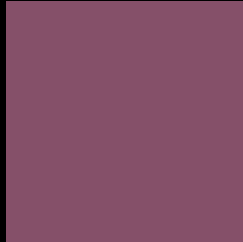
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0913, 11.7438, 14.8360 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 15.0913, 11.7438, 14.8360

Background



This preview shows how black text looks on a background with the XYZ color 15.0913, 11.7438, 14.8360.



This preview shows how white text looks on a background with the XYZ color 15.0913, 11.7438,

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

15.0913, 11.7438, 14.8360

Protanopia

11.7916, 11.9307, 17.9010

Deuteranopia

12.0444, 11.8682, 14.4880



Tritanopia

14.2565, 11.7331, 10.9645

Trichromacy



Original Color

15.0913, 11.7438, 14.8360

Protanomaly

12.7097, 11.6482, 16.6174

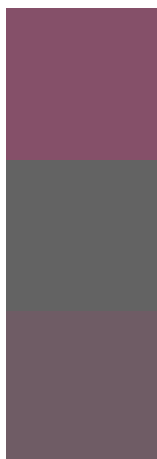
Deuteranomaly

13.0105, 11.7216, 14.6735

Tritanomaly

14.5986, 11.7663, 12.3282

Monochromacy



Original Color

15.0913, 11.7438, 14.8360

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.7317, 11.9734, 13.9520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0913, 11.7438, 14.8360 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(133, 80, 105)` looks like.

```
.text, #text, p{  
    color:rgb(133, 80, 105)  
}
```

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(133, 80, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 80, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.0913, 11.7438, 14.8360 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(133, 80, 105) }
```


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

```
.border{ border-color:rgb(133, 80, 105) }
```

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

Here you see how a box with a 4 pixel rgb(133, 80, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 80, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 80, 105);  
box-shadow:4px 4px 4px 4px rgb(133, 80,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0913, 11.7438, 14.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 80, 105) }
```

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

```
.background{ background-color: rgb(133, 80,  
105) }
```

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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