

Converting Colors

XYZ(15.2988, 11.0858, 16.6627)

Have a look what the booklet for
XYZ(15.2988, 11.0858, 16.6627)
contains.

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Color

**XYZ(15.2988, 11.0858,
16.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	874970
RGB	135, 73, 112
RGB Percent	53%, 29%, 44%
CMY	0.4706, 0.7137, 0.5608
CMYK	0.00, 0.46, 0.17, 0.47
HSL	322°, 30%, 41%
HSV	322°, 46%, 53%
XYZ	15.2988, 11.0858, 16.6627
YIQ	95.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

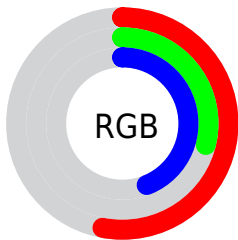
Format	Color
R_{YB}	135, 73, 112
Decimal	8866160
CIE Lab	39.72, 31.79, -10.90
CIE LCh	40, 33.608, 341.075
Yxy	11.0858, 0.3554, 0.2575
Android (android.graphics.Color)	4287056240 (0xFF874970)
YUV	95.9840, 7.8959, 34.2170
Hunter-Lab	33.2953, 23.7517, -6.3650

Details

The XYZ color **15.2988, 11.0858, 16.6627** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.5234, 19.5892, 14.1354**, and the grayscale version is **11.0919, 11.6696, 12.7082**.

A 20% lighter version of the original color is **35.0190, 27.7934, 38.6409**, and **4.8403, 2.9044, 5.1560** is the 20% darker color. If you saturate the color by 10%, you get **14.2351, 9.3922, 14.9704**, and if you desaturate by 10%, it is **16.5712, 13.1717, 18.5013**.

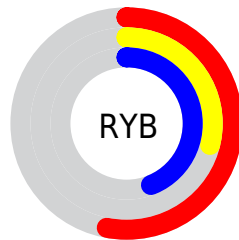
Distribution



Red (53%)

Green (29%)

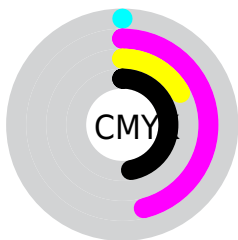
Blue (44%)



Red (53%)

Yellow (29%)

Blue (44%)

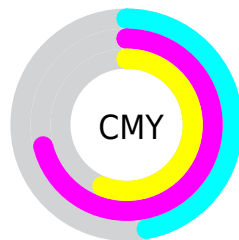


Cyan (0%)

Magenta (46%)

Yellow (17%)

Black (47%)



Cyan (47%)

Magenta (71%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2988, 11.0858, 16.6627 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 15.2988, 11.0858, 16.6627 by changing the saturation by 10% instead.

15.2988, 11.0858,
16.6627

15.2988, 11.0858,
16.6627

218.5204,
198.2553, 245.1988

9.1170, 6.1246,
9.8349

34.9439, 27.8187,
38.5276

4.8753, 2.9210,
5.1855

49.1379, 40.3592,
54.4018

2.2083, 1.0906,
2.2958

66.7334, 56.1949,
74.1285

0.7471, 0.0000,
0.7289

88.0958, 75.7102,
98.1262

0.0000, 0.0000,
0.0000

113.5903, 99.2895,
126.8136

143.5823,

127.3171, 160.6091

178.4372,
160.1776, 199.9314

■ 15.2988, 11.0858,
16.6627

■ 15.2988, 11.0858,
16.6627

■ 14.2351, 9.3922,
14.9704

■ 16.5712, 13.1717,
18.5013

■ 13.3663, 8.0642,
13.4183

■ 18.0631, 15.6715,
20.4908

■ 12.6784, 7.0739,
12.0005

■ 19.7856, 18.6068,
22.6360

■ 12.1550, 6.3889,
10.7103

■ 21.7487, 21.9974,
24.9415

■ 11.7701, 5.9578,
9.5377

■ 23.9619, 25.8619,
27.4116

■ 11.6281, 5.8055,
9.0849

■ 26.4341, 30.2178,
30.0503

■ 29.1739, 35.0817,
32.8616

■ 32.1893, 40.4693,
35.8492

■ 35.4880, 46.3959,
39.0167

Harmonies

Analogous

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



13.7182, 11.0858, 24.3592



15.2988, 11.0858, 16.6627



15.5007, 11.0858, 9.7972

Triad

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



15.2988, 11.0858, 16.6627



9.7098, 11.0858, 3.4186



7.5418, 11.0858, 22.4528

Complementary

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



15.2988, 11.0858, 16.6627



13.5234, 19.5892, 14.1354

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.



6.7649, 11.0858, 14.6709



15.2988, 11.0858, 16.6627



7.8896, 11.0858, 4.8182

Square

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



15.2988, 11.0858, 16.6627



12.0373, 11.0858, 3.6158



6.8822, 11.0858, 8.4106



9.1663, 11.0858, 28.4551

Rectangle

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



15.2988, 11.0858, 16.6627



14.7971, 11.0858, 6.6418



6.8822, 11.0858, 8.4106



7.1843, 11.0858, 19.8602

Sweetspot

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



15.2991, 11.0863, 16.6629



35.9685, 34.2427, 41.1817



11.5521, 8.9873, 24.0476



8.1833, 7.6783, 9.3607



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.



15.2991, 11.0863, 16.6629



25.4393, 16.7368, 26.7197



13.8698, 10.5146, 9.1362



4.7865, 4.7343, 5.4882



10.7291, 5.3560, 8.4119



0.0407, 0.0200, 0.0478

Inverse Universe

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



15.2991, 11.0863, 16.6629



25.4393, 16.7368, 26.7197



15.2254, 20.2700, 23.0979



4.7865, 4.7343, 5.4882



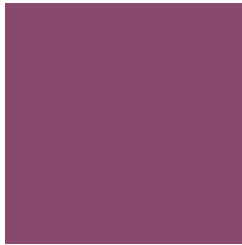
10.7291, 5.3560, 8.4119



0.0407, 0.0200, 0.0478

Previews

White Background



This preview shows how the XYZ color 15.2988, 11.0858, 16.6627 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 15.2988, 11.0858, 16.6627 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 15.2988, 11.0858, 16.6627

Background



This preview shows how black text looks on a background with the XYZ color 15.2988, 11.0858, 16.6627.



This preview shows how white text looks on a background with the XYZ color 15.2988, 11.0858,

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

15.2988, 11.0858, 16.6627

Protanopia

11.4266, 11.2664, 21.3110

Deuteranopia

11.4113, 11.2452, 16.0371



Tritanopia

13.9119, 11.1376, 9.8040

Trichromacy



Original Color

15.2988, 11.0858, 16.6627

Protanomaly

12.3725, 10.9196, 19.5448

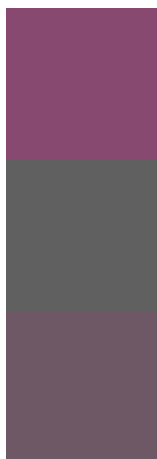
Deuteranomaly

12.4934, 10.9378, 16.2046

Tritanomaly

14.3471, 11.1025, 11.9765

Monochromacy



Original Color

15.2988, 11.0858, 16.6627

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.3184, 11.2538, 14.0933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2988, 11.0858, 16.6627 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, 73, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 73, 112)  
}
```

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, 73, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 73, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.2988, 11.0858, 16.6627 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, 73, 112) }
```


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

```
.border{ border-color:rgb(135, 73, 112) }
```

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

Here you see how a box with a 4 pixel rgb(135, 73, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 73, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 73, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 73,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2988, 11.0858, 16.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 73, 112) }
```

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

```
.background{ background-color: rgb(135, 73,  
112) }
```

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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