

Converting Colors

XYZ(16.0611, 12.5359, 16.4072)

Have a look what the booklet for
XYZ(16.0611, 12.5359, 16.4072)
contains.

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Color

**XYZ(16.0611, 12.5465,
16.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	88536E
RGB	136, 83, 110
RGB Percent	53%, 33%, 43%
CMY	0.4667, 0.6745, 0.5686
CMYK	0.00, 0.39, 0.19, 0.47
HSL	329°, 24%, 43%
HSV	329°, 39%, 53%
XYZ	16.0611, 12.5465, 16.3271
YIQ	101.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

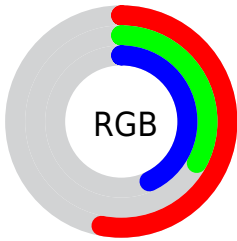
Format	Color
R_{YB}	136, 83, 110
Decimal	8934254
CIE Lab	42.07, 26.12, -6.13
CIE LCh	42, 26.828, 346.791
Yxy	12.5465, 0.3574, 0.2792
Android (android.graphics.Color)	4287124334 (0xFF88536E)
YUV	101.9250, 3.9810, 29.8838
Hunter-Lab	35.4210, 18.9511, -2.5346

Details

The XYZ color **16.0611, 12.5465, 16.3271** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.1323, 20.5519, 17.6382**, and the grayscale version is **12.5957, 13.2517, 14.4311**.

A 20% lighter version of the original color is **36.1443, 30.3308, 38.1318**, and **5.2467, 3.5408, 4.9643** is the 20% darker color. If you saturate the color by 10%, you get **14.7712, 10.5262, 14.1719**, and if you desaturate by 10%, it is **17.5833, 14.9872, 18.6950**.

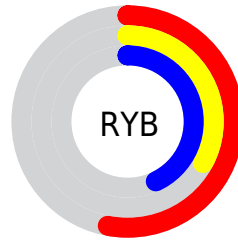
Distribution



Red (53%)

Green (33%)

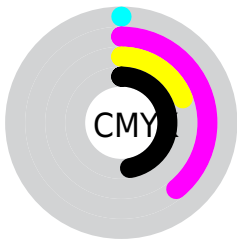
Blue (43%)



Red (53%)

Yellow (33%)

Blue (43%)

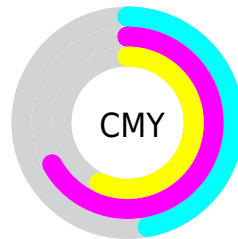


Cyan (0%)

Magenta (39%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0611, 12.5465, 16.3271 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 16.0611, 12.5465, 16.3271 by changing the saturation by 10% instead.

■ 16.0611, 12.5465,
16.3271

■ 16.0611, 12.5465,
16.3271

222.9653,
207.9904, 243.1755

■ 9.6585, 7.1170,
9.5991

■ 36.2608, 30.4866,
37.9398

■ 5.2337, 3.5354,
5.0318

■ 50.7887, 43.7660,
53.6615

■ 2.4212, 1.4172,
2.2069

■ 68.7557, 60.4309,
73.2183

■ 0.8557, 0.2294,
0.6783

■ 90.5272, 80.8656,
97.0285

■ 0.0000, 0.0000,
0.0000

■ 116.4686,
105.4545, 125.5108

146.9451,

134.5820, 159.0837

182.3223,
168.6325, 198.1657

■ 16.0611, 12.5465,
16.3271

■ 16.0611, 12.5465,
16.3271

■ 14.7712, 10.5262,
14.1719

■ 17.5833, 14.9872,
18.6950

■ 13.6998, 8.9003,
12.2214

■ 19.3481, 17.8688,
21.2815

■ 12.8334, 7.6426,
10.4682

■ 21.3669, 21.2125,
24.0933

■ 12.1566, 6.7231,
8.9040

■ 23.6496, 25.0377,
27.1364

■ 11.6512, 6.1068,
7.5195

■ 26.2059, 29.3628,
30.4165

■ 11.2732, 5.7066,
6.2965

■ 29.0449, 34.2048,
33.9394

■ 11.2364, 5.6675,
6.1777

■ 32.1750, 39.5804,
37.7104

■ 35.6047, 45.5053,
41.7345

■ 39.3418, 51.9945,
46.0169

Harmonies

Analogous

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



14.9438, 12.5465, 22.6433



16.0611, 12.5465, 16.3271



15.9856, 12.5465, 10.7279

Triad

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



16.0611, 12.5465, 16.3271



10.8513, 12.5465, 5.6141



9.4877, 12.5465, 23.3299

Complementary

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



16.0611, 12.5465, 16.3271



15.1323, 20.5519, 17.6382

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.



8.6179, 12.5465, 17.0852



16.0611, 12.5465, 16.3271



9.3430, 12.5465, 7.4374

Square

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



16.0611, 12.5465, 16.3271



12.8229, 12.5465, 5.5164



8.5681, 12.5465, 11.3022



11.0702, 12.5465, 27.3833

Rectangle

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



16.0611, 12.5465, 16.3271



15.2669, 12.5465, 8.0832



8.5681, 12.5465, 11.3022



9.1104, 12.5465, 21.3496

Sweetspot

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



16.0615, 12.5471, 16.3274



36.4328, 35.3506, 40.7835



13.7973, 11.1916, 24.7258



8.3466, 8.0362, 9.3192



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.



16.0615, 12.5471, 16.3274



26.2298, 18.8576, 25.3196



14.8427, 12.0596, 9.9096



5.1322, 5.0883, 5.7847



10.6395, 5.3659, 5.8718



0.0781, 0.0386, 0.0779

Inverse Universe

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



16.0615, 12.5471, 16.3274



26.2298, 18.8576, 25.3196



16.7533, 21.2002, 26.1741



5.1322, 5.0883, 5.7847



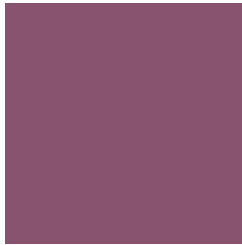
10.6395, 5.3659, 5.8718



0.0781, 0.0386, 0.0779

Previews

White Background



This preview shows how the XYZ color 16.0611, 12.5465, 16.3271 looks on a white background.

Color Contrast Check

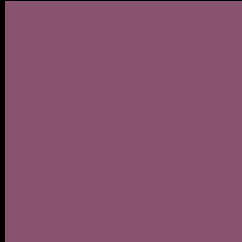
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0611, 12.5465, 16.3271 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 16.0611, 12.5465, 16.3271

Background



This preview shows how black text looks on a background with the XYZ color 16.0611, 12.5465, 16.3271.



This preview shows how white text looks on a background with the XYZ color 16.0611, 12.5465,

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

16.0611, 12.5465, 16.3271

Protanopia

12.5713, 12.7126, 19.5605

Deuteranopia

12.9253, 12.6963, 15.9567



Tritanopia

15.1351, 12.5142, 11.9737

Trichromacy



Original Color

16.0611, 12.5465, 16.3271

Protanomaly

13.4971, 12.4047, 18.2060

Deuteranomaly

13.9236, 12.5403, 16.1547

Tritanomaly

15.4923, 12.5487, 13.4100

Monochromacy



Original Color

16.0611, 12.5465, 16.3271

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5814, 12.7817, 15.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0611, 12.5465, 16.3271 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(136, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(136, 83, 110)  
}
```

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(136, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 83, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.0611, 12.5465, 16.3271 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(136, 83, 110) }
```


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

```
.border{ border-color:rgb(136, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(136, 83,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0611, 12.5465, 16.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 83, 110) }
```

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

```
.background{ background-color: rgb(136, 83,  
110) }
```

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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