

Converting Colors

XYZ(16.0325, 11.4982, 10.6059)

Have a look what the booklet for
XYZ(16.0325, 11.4982, 10.6059)
contains.

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Color

**XYZ(16.1114, 11.5424,
10.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	934858
RGB	147, 72, 88
RGB Percent	58%, 28%, 35%
CMY	0.4235, 0.7176, 0.6549
CMYK	0.00, 0.51, 0.40, 0.42
HSL	347°, 34%, 43%
HSV	347°, 51%, 58%
XYZ	16.1114, 11.5424, 10.6112
YIQ	96.2490, 39.5640, 20.8760

Conversions

Conversions Part 2

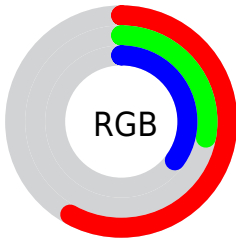
Format	Color
R_{YB}	147, 72, 88
Decimal	9652312
CIE _{Lab}	40.48, 33.27, 5.34
CIE _{LCh}	40, 33.697, 9.120
Yxy	11.5424, 0.4210, 0.3016
Android (android.graphics.Color)	4287842392 (0xFF934858)
YUV	96.2490, -4.0668, 44.5086
Hunter-Lab	33.9741, 25.1946, 5.2637

Details

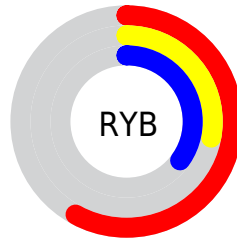
The XYZ color **16.1114, 11.5424, 10.6112** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2036, 23.8840, 25.1777**, and the grayscale version is **11.1819, 11.7643, 12.8113**.

A 20% lighter version of the original color is **36.2990, 28.6974, 27.6707**, and **5.2566, 3.1144, 2.6096** is the 20% darker color. If you saturate the color by 10%, you get **14.8305, 9.6874, 8.0053**, and if you desaturate by 10%, it is **17.6962, 13.8834, 13.6936**.

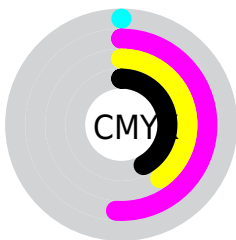
Distribution



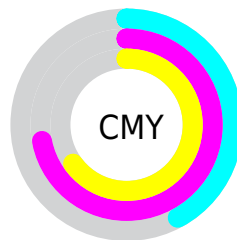
- Red (58%)
- Green (28%)
- Blue (35%)



- Red (58%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (40%)
- Black (42%)





- Cyan (42%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1114, 11.5424, 10.6112 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 16.1114, 11.5424, 10.6112 by changing the saturation by 10% instead.


 16.1114, 11.5424,
10.6112


 16.1114, 11.5424,
10.6112


223.2557,
201.3519, 205.6211


 9.6944, 6.4329,
5.6952


 36.3474, 28.6589,
27.5645


 5.2575, 3.1101,
2.5949


 50.8970, 41.4347,
40.4389


 2.4354, 1.1895,
0.8898

 68.8883, 57.5347,
56.8031

 0.8628, 0.0531,
0.0000

 90.6864, 77.3433,
77.0757

 0.0000, 0.0000,
0.0000

 116.6569,
101.2449, 101.6753

147.1650,

129.6240, 131.0204

182.5762,
162.8648, 165.5295

■ 16.1114, 11.5424,
10.6112

■ 16.1114, 11.5424,
10.6112

■ 14.8305, 9.6874,
8.0053

■ 17.6962, 13.8834,
13.6936

■ 13.8325, 8.2824,
5.8510

■ 19.6020, 16.7398,
17.2743

■ 13.0952, 7.2889,
4.1219

■ 21.8461, 20.1404,
21.3748

■ 12.5924, 6.6615,
2.7884

■ 24.4439, 24.1117,
26.0148

■ 12.2845, 6.3038,
1.8901

■ 27.4099, 28.6783,
31.2131

■ 30.7579, 33.8633,
36.9876

■ 34.5010, 39.6887,
43.3554

■ 38.6516, 46.1754,
50.3327

■ 43.2215, 53.3432,
57.9354

Harmonies

Analogous

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



15.8013, 11.5424, 17.8149



16.1114, 11.5424, 10.6112



14.8982, 11.5424, 6.0024

Triad

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



16.1114, 11.5424, 10.6112



8.3401, 11.5424, 4.9199



9.4258, 11.5424, 29.1236

Complementary

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



16.1114, 11.5424, 10.6112



17.2036, 23.8840, 25.1777

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.



7.8023, 11.5424, 22.7275



16.1114, 11.5424, 10.6112



7.2411, 11.5424, 8.4675

Square

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



16.1114, 11.5424, 10.6112



10.2644, 11.5424, 3.5859



7.0595, 11.5424, 14.7510



11.7087, 11.5424, 30.3521

Rectangle

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



16.1114, 11.5424, 10.6112



13.4789, 11.5424, 4.3667



7.0595, 11.5424, 14.7510



8.7947, 11.5424, 27.4196

Sweetspot

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



16.1117, 11.5430, 10.6114



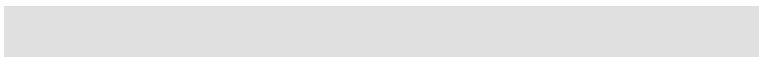
41.7000, 40.0007, 42.9024



16.9056, 11.5474, 28.9414



9.3165, 8.8215, 9.4314



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.1117, 11.5430, 10.6114



26.3116, 16.9950, 13.8161



17.1391, 14.5442, 8.0358



5.8484, 5.8344, 6.3079



10.6580, 5.4683, 1.6802



0.1396, 0.0706, 0.0687

Inverse Universe

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



16.1117, 11.5430, 10.6114



26.3116, 16.9950, 13.8161



15.3684, 18.3426, 30.3341



5.8484, 5.8344, 6.3079



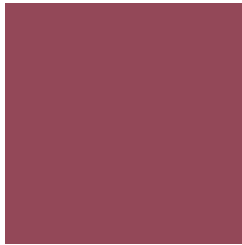
10.6580, 5.4683, 1.6802



0.1396, 0.0706, 0.0687

Previews

White Background



This preview shows how the XYZ color 16.1114, 11.5424, 10.6112 looks on a white background.

Color Contrast Check

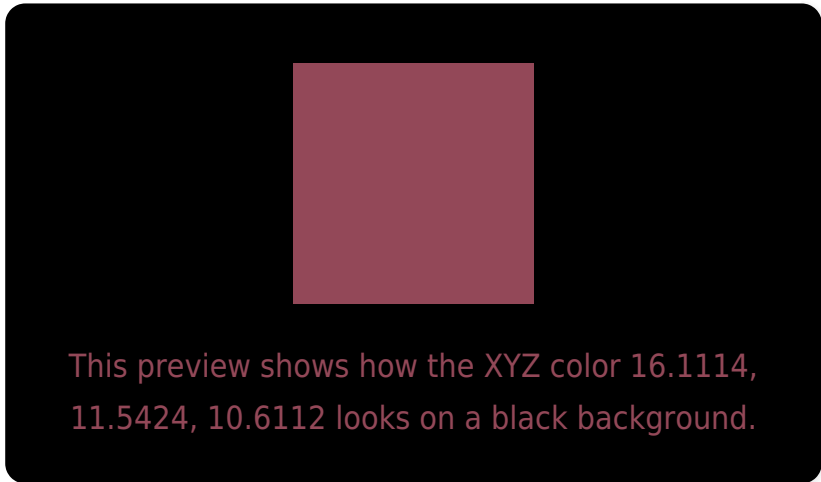
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.1114, 11.5424, 10.6112

Background



This preview shows how black text looks on a background with the XYZ color 16.1114, 11.5424, 10.6112.



This preview shows how white text looks on a background with the XYZ color 16.1114, 11.5424,

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

16.1114, 11.5424, 10.6112

Protanopia

11.2650, 11.6108, 13.9593

Deuteranopia

11.7735, 11.5614, 10.2054



Tritanopia

15.7141, 11.5731, 8.8027

Trichromacy



Original Color

16.1114, 11.5424, 10.6112

Protanomaly

12.5897, 11.3058, 12.5850

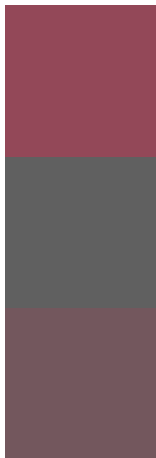
Deuteranomaly

13.0966, 11.3798, 10.3104

Tritanomaly

15.7596, 11.4853, 9.3689

Monochromacy



Original Color

16.1114, 11.5424, 10.6112

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.4542, 11.2515, 11.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1114, 11.5424, 10.6112 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(147, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(147, 72, 88)  
}
```

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(147, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 72, 88) }
```

Border

The CSS property to change the border of an element to XYZ 16.1114, 11.5424, 10.6112 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(147, 72, 88) }
```


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

```
.border{ border-color:rgb(147, 72, 88) }
```

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

Here you see how a box with a 4 pixel rgb(147, 72, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(147, 72,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1114, 11.5424, 10.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 72, 88) }
```

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

```
.background{ background-color: rgb(147, 72,  
88) }
```

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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