

Converting Colors

XYZ(16.1560, 11.7868, 13.9958)

Have a look what the booklet for
XYZ(16.1560, 11.7868, 13.9958)
contains.

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Color

**XYZ(16.0697, 11.7422,
13.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4B66
RGB	142, 75, 102
RGB Percent	56%, 29%, 40%
CMY	0.4431, 0.7059, 0.6000
CMYK	0.00, 0.47, 0.28, 0.44
HSL	336°, 31%, 43%
HSV	336°, 47%, 56%
XYZ	16.0697, 11.7422, 13.9899
YIQ	98.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

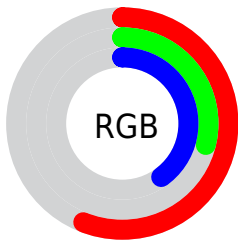
Format	Color
R_{YB}	142, 75, 102
Decimal	9325414
CIE _{Lab}	40.80, 31.64, -2.98
CIE _{LCh}	41, 31.776, 354.611
Yxy	11.7422, 0.3844, 0.2809
Android (android.graphics.Color)	4287515494 (0xFF8E4B66)
YUV	98.1110, 1.9173, 38.4907
Hunter-Lab	34.2669, 23.7418, -0.2191

Details

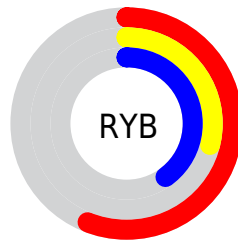
The XYZ color **16.0697, 11.7422, 13.9899** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.6697, 22.0800, 19.6567**, and the grayscale version is **11.6273, 12.2328, 13.3215**.

A 20% lighter version of the original color is **36.2366, 29.0919, 33.8424**, and **5.2013, 3.1835, 3.9548** is the 20% darker color. If you saturate the color by 10%, you get **14.8127, 9.8670, 11.6015**, and if you desaturate by 10%, it is **17.5854, 14.0658, 16.6770**.

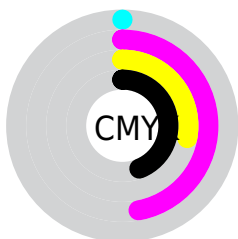
Distribution



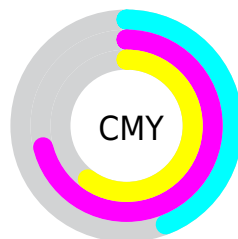
- Red (56%)
- Green (29%)
- Blue (40%)



- Red (56%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (44%)



- Cyan (44%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0697, 11.7422, 13.9899 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 16.0697, 11.7422, 13.9899 by changing the saturation by 10% instead.

16.0697, 11.7422,
13.9899

16.0697, 11.7422,
13.9899

223.0150,
202.6910, 228.5942

9.6646, 6.5684,
7.9750

36.2756, 29.0247,
33.7880

5.2377, 3.1937,
3.9914

50.8072, 41.9022,
48.4082

2.4236, 1.2337,
1.6206

68.7784, 58.1163,
66.7339

0.8569, 0.0889,
0.3055

90.5544, 78.0515,
89.1837

0.0000, 0.0000,
0.0000

116.5008,
102.0922, 116.1761

146.9827,

130.6228, 148.1296

182.3657,
164.0276, 185.4628

■ 16.0697, 11.7422,
13.9899

■ 16.0697, 11.7422,
13.9899

■ 14.8127, 9.8670,
11.6015

■ 17.5854, 14.0658,
16.6770

■ 13.7976, 8.4089,
9.4995

■ 19.3731, 16.8627,
19.6728

■ 13.0072, 7.3354,
7.6715

■ 21.4464, 20.1582,
22.9881

■ 12.4211, 6.6085,
6.1039

■ 23.8178, 23.9752,
26.6323

■ 12.0042, 6.1599,
4.7775

■ 26.4988, 28.3353,
30.6150

■ 11.8995, 6.0484,
4.4401

■ 29.5005, 33.2587,
34.9449

■ 32.8332, 38.7647,
39.6305

■ 36.5070, 44.8715,
44.6802

■ 40.5314, 51.5967,
50.1019

Harmonies

Analogous

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



15.0911, 11.7422, 21.4311



16.0697, 11.7422, 13.9899



15.5956, 11.7422, 8.2713

Triad

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



16.0697, 11.7422, 13.9899



9.4470, 11.7422, 4.4805



8.8286, 11.7422, 25.8506

Complementary

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



16.0697, 11.7422, 13.9899



15.6697, 22.0800, 19.6567

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.



7.6579, 11.7422, 18.6997



16.0697, 11.7422, 13.9899



7.9797, 11.7422, 6.8477

Square

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



16.0697, 11.7422, 13.9899



11.5737, 11.7422, 3.9668



7.3694, 11.7422, 11.6518



10.7575, 11.7422, 29.6077

Rectangle

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



16.0697, 11.7422, 13.9899



14.5485, 11.7422, 5.8857



7.3694, 11.7422, 11.6518



8.3443, 11.7422, 23.6677

Sweetspot

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



16.0700, 11.7428, 13.9901



38.9721, 37.3959, 42.3339



14.3493, 10.5688, 26.8751



8.5329, 8.0772, 9.1886



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.0700, 11.7428, 13.9901



25.9222, 17.1089, 20.0634



15.3373, 12.0825, 8.1810



5.4933, 5.4578, 6.0957



10.6925, 5.4340, 4.0323



0.1126, 0.0561, 0.0934

Inverse Universe

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



16.0700, 11.7428, 13.9901



25.9222, 17.1089, 20.0634



16.6475, 21.1751, 28.8012



5.4933, 5.4578, 6.0957



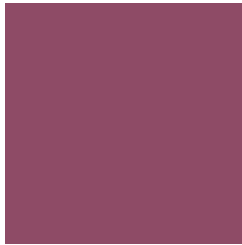
10.6925, 5.4340, 4.0323



0.1126, 0.0561, 0.0934

Previews

White Background



This preview shows how the XYZ color 16.0697, 11.7422, 13.9899 looks on a white background.

Color Contrast Check

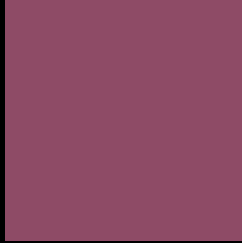
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0697, 11.7422, 13.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

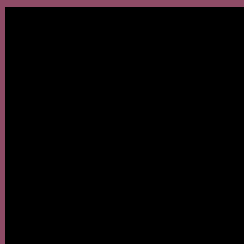
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0697, 11.7422, 13.9899

Background



This preview shows how black text looks on a background with the XYZ color 16.0697, 11.7422, 13.9899.



This preview shows how white text looks on a background with the XYZ color 16.0697, 11.7422,

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

16.0697, 11.7422, 13.9899

Protanopia

11.7916, 11.9307, 17.9010

Deuteranopia

12.0805, 11.9095, 13.4664



Tritanopia

15.1398, 11.6643, 9.8410

Trichromacy



Original Color

16.0697, 11.7422, 13.9899

Protanomaly

12.8597, 11.4847, 16.2908

Deuteranomaly

13.1797, 11.5880, 13.5987

Tritanomaly

15.5267, 11.7258, 11.3425

Monochromacy



Original Color

16.0697, 11.7422, 13.9899

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.8477, 11.7906, 13.4030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0697, 11.7422, 13.9899 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(142, 75, 102)` looks like.

```
.text, #text, p{  
  color:rgb(142, 75, 102)  
}
```

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(142, 75, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 75, 102) }
```

Border

The CSS property to change the border of an element to XYZ 16.0697, 11.7422, 13.9899 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(142, 75, 102) }
```


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

```
.border{ border-color:rgb(142, 75, 102) }
```

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

Here you see how a box with a 4 pixel rgb(142, 75, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 75, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 75, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 75,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0697, 11.7422, 13.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 75, 102) }
```

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

```
.background{ background-color: rgb(142, 75,  
102) }
```

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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