

Converting Colors

XYZ(16.0796, 11.2421, 6.6626)

Have a look what the booklet for
XYZ(16.0796, 11.2421, 6.6626)
contains.

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Color

**XYZ(16.0291, 11.2149,
6.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	984443
RGB	152, 68, 67
RGB Percent	60%, 27%, 26%
CMY	0.4039, 0.7333, 0.7373
CMYK	0.00, 0.55, 0.56, 0.40
HSL	1°, 39%, 43%
HSV	1°, 56%, 60%
XYZ	16.0291, 11.2149, 6.6301
YIQ	93.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

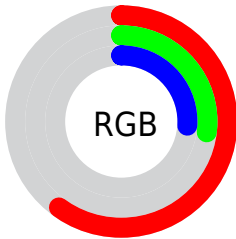
Format	Color
R_{YB}	152, 68, 67
Decimal	9978947
CIE _{Lab}	39.94, 35.12, 17.76
CIE _{LCh}	40, 39.360, 26.830
Yxy	11.2149, 0.4732, 0.3311
Android (android.graphics.Color)	4288169027 (0xFF984443)
YUV	93.0020, -12.8190, 51.7412
Hunter-Lab	33.4887, 26.8326, 11.7038

Details

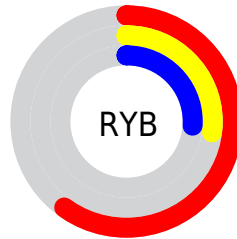
The XYZ color **16.0291, 11.2149, 6.6301** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.0480, 25.5919, 33.6413**, and the grayscale version is **10.4261, 10.9690, 11.9453**.

A 20% lighter version of the original color is **36.2697, 28.1331, 19.7383**, and **5.1892, 2.9536, 1.1608** is the 20% darker color. If you saturate the color by 10%, you get **14.8366, 9.4663, 4.2706**, and if you desaturate by 10%, it is **17.5747, 13.4781, 9.6980**.

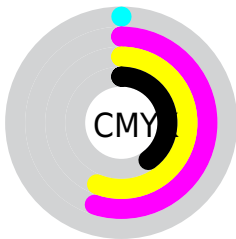
Distribution



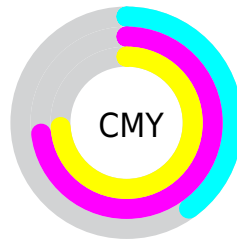
- Red (60%)
- Green (27%)
- Blue (26%)



- Red (60%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (40%)





- Cyan (40%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0291, 11.2149, 6.6301 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 16.0291, 11.2149, 6.6301 by changing the saturation by 10% instead.


 16.0291, 11.2149,
6.6301


 16.0291, 11.2149,
6.6301


222.7804,
199.1360, 174.0663


 9.6357, 6.2116,
3.1569


 36.2058, 28.0569,
19.7251


 5.2185, 2.9742,
1.1753

 50.7197, 40.6643,
30.1841


 2.4121, 1.1183,
0.0000

 68.6713, 56.5752,
43.8088

 0.8511, 0.0000,
0.0000

 90.4258, 76.1740,
61.0177

 0.0000, 0.0000,
0.0000

 116.3486, 99.8451,
82.2293

146.8051,

127.9729, 107.8623

182.1606,
160.9417, 138.3351

■ 16.0291, 11.2149,
6.6301

■ 16.0291, 11.2149,
6.6301

■ 14.8366, 9.4663,
4.2706

■ 17.5747, 13.4781,
9.6980

■ 13.9685, 8.1904,
2.5623

■ 19.4972, 16.2899,
13.5241

■ 13.3932, 7.3416,
1.4403

■ 21.8195, 19.6837,
18.1545

■ 13.0688, 6.8610,
0.8136

■ 24.5624, 23.6896,
23.6313

■ 12.9683, 6.7143,
0.6125

■ 27.7453, 28.3356,
29.9938

■ 31.3862, 33.6480,
37.2788

■ 35.5023, 39.6518,
45.5210

■ 40.1098, 46.3703,
54.7534

■ 45.2243, 53.8262,
65.0072

Harmonies

Analogous

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



16.7672, 11.2149, 13.0567



16.0291, 11.2149, 6.6301



13.7782, 11.2149, 3.4852

Triad

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



16.0291, 11.2149, 6.6301



6.8598, 11.2149, 5.7220



10.3733, 11.2149, 34.0468

Complementary

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



16.0291, 11.2149, 6.6301



19.0480, 25.5919, 33.6413

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.



8.0508, 11.2149, 29.4865



16.0291, 11.2149, 6.6301



6.2507, 11.2149, 11.4028

Square

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



16.0291, 11.2149, 6.6301



8.4727, 11.2149, 3.1389



6.6468, 11.2149, 20.2778



13.1933, 11.2149, 30.9998

Rectangle

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



16.0291, 11.2149, 6.6301



11.8936, 11.2149, 2.6725



6.6468, 11.2149, 20.2778



9.5137, 11.2149, 33.3185

Sweetspot

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



16.0294, 11.2155, 6.6303



42.6264, 40.7502, 40.2554



20.6234, 12.9567, 31.1194



9.4803, 8.9581, 8.7339



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.0294, 11.2155, 6.6303



25.7731, 16.0995, 6.7192



19.4841, 18.1249, 7.7819



6.2144, 6.2338, 6.4816



10.8754, 5.6332, 0.5141



0.1640, 0.0869, 0.0081

Inverse Universe

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



19.0480, 25.5919, 33.6413



31.6394, 44.0568, 59.2699



13.5044, 14.5046, 31.7934



6.3783, 7.0140, 7.9466



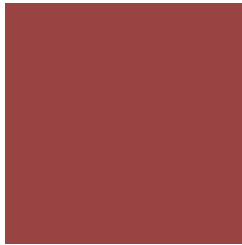
13.9258, 20.2483, 28.0820



0.2099, 0.3061, 0.4204

Previews

White Background



This preview shows how the XYZ color 16.0291, 11.2149, 6.6301 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 16.0291, 11.2149, 6.6301

Background



This preview shows how black text looks on a background with the XYZ color 16.0291, 11.2149, 6.6301.



This preview shows how white text looks on a background with the XYZ color 16.0291, 11.2149,

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

16.0291, 11.2149, 6.6301

Protanopia

10.7590, 11.4583, 9.0417

Deuteranopia

11.5777, 11.4185, 6.2964



Tritanopia

16.1257, 11.1576, 7.4346

Trichromacy



Original Color

16.0291, 11.2149, 6.6301

Protanomaly

12.1262, 10.9269, 8.1266

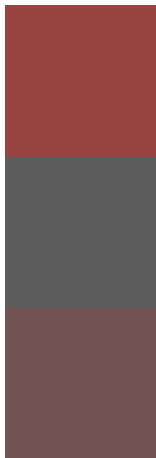
Deuteranomaly

12.9208, 11.1459, 6.3209

Tritanomaly

16.0615, 11.1319, 7.0965

Monochromacy



Original Color

16.0291, 11.2149, 6.6301

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.7100, 10.5581, 9.8082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0291, 11.2149, 6.6301 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(152, 68, 67)` looks like.

```
.text, #text, p{  
    color:rgb(152, 68, 67)  
}
```

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(152, 68, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 68, 67) }
```

Border

The CSS property to change the border of an element to XYZ 16.0291, 11.2149, 6.6301 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(152, 68, 67) }
```


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

```
.border{ border-color:rgb(152, 68, 67) }
```

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

Here you see how a box with a 4 pixel rgb(152, 68, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 68, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 68, 67);  
box-shadow:4px 4px 4px 4px rgb(152, 68,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0291, 11.2149, 6.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 68, 67) }
```

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

```
.background{ background-color: rgb(152, 68,  
67) }
```

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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