

Converting Colors

XYZ(16.0713, 11.4363, 6.2457)

Have a look what the booklet for
XYZ(16.0713, 11.4363, 6.2457)
contains.

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Color

**XYZ(16.0645, 11.4259,
6.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	984640
RGB	152, 70, 64
RGB Percent	60%, 27%, 25%
CMY	0.4039, 0.7255, 0.7490
CMYK	0.00, 0.54, 0.58, 0.40
HSL	4°, 41%, 42%
HSV	4°, 58%, 60%
XYZ	16.0645, 11.4259, 6.2092
YIQ	93.8340, 50.7980, 15.5180

Conversions

Conversions Part 2

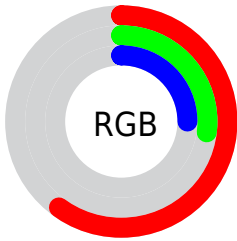
Format	Color
RYB	152, 70, 64
Decimal	9979456
CIELab	40.29, 33.82, 20.07
CIELCh	40, 39.329, 30.681
Yxy	11.4259, 0.4767, 0.3391
Android (android.graphics.Color)	4288169536 (0xFF984640)
YUV	93.8340, -14.7082, 51.0116
Hunter-Lab	33.8022, 25.6782, 12.7704

Details

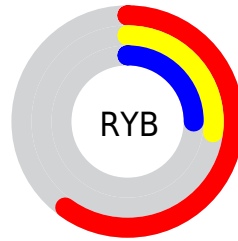
The XYZ color **16.0645, 11.4259, 6.2092** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.0600, 23.9133, 33.3696**, and the grayscale version is **10.6257, 11.1791, 12.1740**.

A 20% lighter version of the original color is **36.3403, 28.5462, 18.9239**, and **5.2094, 3.0413, 1.0219** is the 20% darker color. If you saturate the color by 10%, you get **14.9056, 9.7085, 3.9720**, and if you desaturate by 10%, it is **17.5508, 13.6096, 9.1373**.

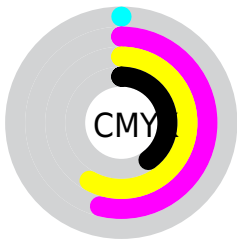
Distribution



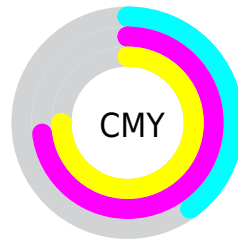
- Red (60%)
- Green (27%)
- Blue (25%)



- Red (60%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (58%)
- Black (40%)





- Cyan (40%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0645, 11.4259, 6.2092 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 16.0645, 11.4259, 6.2092 by changing the saturation by 10% instead.


 16.0645, 11.4259,
6.2092


 16.0645, 11.4259,
6.2092


222.9849,
200.5666, 170.2944


 9.6609, 6.3541,
2.9019


 36.2667, 28.4451,
18.8487


 5.2353, 3.0616,
1.0447

 50.7960, 41.1612,
29.0179


 2.4221, 1.1640,
0.0000

 68.7647, 57.1943,
42.3116

 0.8562, 0.0320,
0.0000

 90.5380, 76.9286,
59.1481

 0.0000, 0.0000,
0.0000

 116.4813,
100.7486, 79.9461

 146.9600,

129.0387, 105.1242

182.3394,
162.1832, 135.1007

■ 16.0645, 11.4259,
6.2092

■ 16.0645, 11.4259,
6.2092

■ 14.9056, 9.7085,
3.9720

■ 17.5508, 13.6096,
9.1373

■ 14.0485, 8.4219,
2.3685

■ 19.3860, 16.2881,
12.8063

■ 13.4652, 7.5281,
1.3330

■ 21.5904, 19.4901,
17.2621

■ 13.1149, 6.9794,
0.7478

■ 24.1829, 23.2411,
22.5467

■ 13.0615, 6.9006,
0.6435

■ 27.1808, 27.5653,
28.6992

■ 30.6005, 32.4854,
35.7562

■ 34.4575, 38.0227,
43.7522

■ 38.7664, 44.1977,
52.7198

■ 43.5413, 51.0296,
62.6902

Harmonies

Analogous

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



17.0429, 11.4259, 12.2621



16.0645, 11.4259, 6.2092



13.6567, 11.4259, 3.3642

Triad

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



16.0645, 11.4259, 6.2092



6.8755, 11.4259, 6.4071



10.9228, 11.4259, 34.5208

Complementary

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



16.0645, 11.4259, 6.2092



18.0600, 23.9133, 33.3696

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.



8.4738, 11.4259, 30.8366



16.0645, 11.4259, 6.2092



6.3889, 11.4259, 12.6214

Square

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



16.0645, 11.4259, 6.2092



8.3820, 11.4259, 3.4399



6.9218, 11.4259, 21.8641



13.7837, 11.4259, 30.5087

Rectangle

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



16.0645, 11.4259, 6.2092



11.7378, 11.4259, 2.6886



6.9218, 11.4259, 21.8641



10.0270, 11.4259, 34.1302

Sweetspot

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



16.0648, 11.4265, 6.2094



42.9643, 41.4259, 40.3680



19.9810, 12.4217, 28.5930



9.5629, 9.1233, 8.7614



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.



16.0648, 11.4265, 6.2094



25.8921, 16.5127, 6.2189



19.8766, 19.0502, 7.4800



6.2410, 6.2870, 6.4904



10.9613, 5.8049, 0.5427



0.1718, 0.1026, 0.0107

Inverse Universe

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



18.0600, 23.9133, 33.3696



29.7128, 40.5749, 58.6994



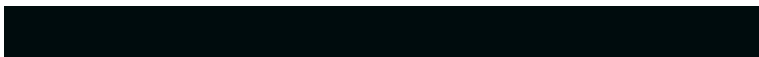
12.5464, 12.8860, 31.5317



6.3485, 6.9544, 7.9367



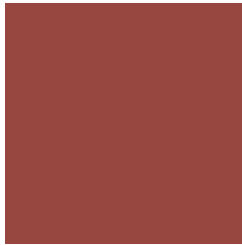
12.8255, 18.0477, 27.7153



0.2011, 0.2885, 0.4175

Previews

White Background



This preview shows how the XYZ color 16.0645, 11.4259, 6.2092 looks on a white background.

Color Contrast Check

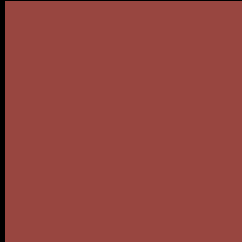
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0645, 11.4259, 6.2092 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 16.0645, 11.4259, 6.2092

Background



This preview shows how black text looks on a background with the XYZ color 16.0645, 11.4259, 6.2092.



This preview shows how white text looks on a background with the XYZ color 16.0645, 11.4259,

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

16.0645, 11.4259, 6.2092

Protanopia

10.8417, 11.5172, 8.3082

Deuteranopia

11.6269, 11.4533, 5.8729



Tritanopia

16.4676, 11.5096, 7.6570

Trichromacy



Original Color

16.0645, 11.4259, 6.2092

Protanomaly

12.2108, 11.1036, 7.4609

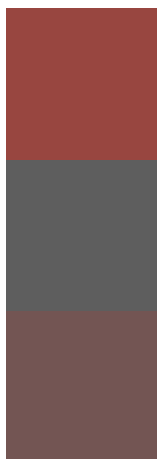
Deuteranomaly

12.8376, 11.1126, 5.8832

Tritanomaly

16.3705, 11.4707, 7.1456

Monochromacy



Original Color

16.0645, 11.4259, 6.2092

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.8801, 10.7664, 9.6356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0645, 11.4259, 6.2092 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, 70, 64)` looks like.

```
.text, #text, p{  
    color:rgb(152, 70, 64)  
}
```

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, 70, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 70, 64) }
```

Border

The CSS property to change the border of an element to XYZ 16.0645, 11.4259, 6.2092 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, 70, 64) }
```


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

```
.border{ border-color:rgb(152, 70, 64) }
```

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

Here you see how a box with a 4 pixel rgb(152, 70, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 70, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 70, 64);  
box-shadow:4px 4px 4px 4px rgb(152, 70,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0645, 11.4259, 6.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 70, 64) }
```

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

```
.background{ background-color: rgb(152, 70,  
64) }
```

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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