

Converting Colors

XYZ(16.0724, 11.9026, 5.6977)

Have a look what the booklet for
XYZ(16.0724, 11.9026, 5.6977)
contains.

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Color

**XYZ(16.0942, 11.9377,
5.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	974B3C
RGB	151, 75, 60
RGB Percent	59%, 29%, 24%
CMY	0.4078, 0.7059, 0.7647
CMYK	0.00, 0.50, 0.60, 0.41
HSL	10°, 43%, 41%
HSV	10°, 60%, 59%
XYZ	16.0942, 11.9377, 5.7309
YIQ	96.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

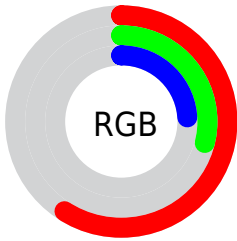
Format	Color
R_{YB}	151, 78, 60
Decimal	9915196
CIE Lab	41.12, 30.42, 23.53
CIE LCh	41, 38.459, 37.713
Yxy	11.9377, 0.4767, 0.3536
Android (android.graphics.Color)	4288105276 (0xFF974B3C)
YUV	96.0140, -17.7549, 48.2227
Hunter-Lab	34.5510, 22.6829, 14.3514

Details

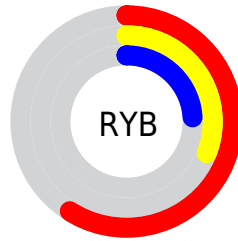
The XYZ color **16.0942, 11.9377, 5.7309** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.2530, 20.8022, 32.4367**, and the grayscale version is **11.1552, 11.7361, 12.7806**.

A 20% lighter version of the original color is **36.3349, 29.3053, 17.9288**, and **5.2124, 3.2572, 0.8843** is the 20% darker color. If you saturate the color by 10%, you get **14.9784, 10.2563, 3.6628**, and if you desaturate by 10%, it is **17.4941, 14.0051, 8.4559**.

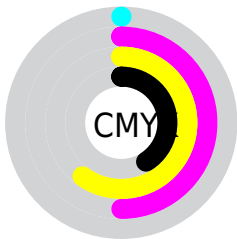
Distribution



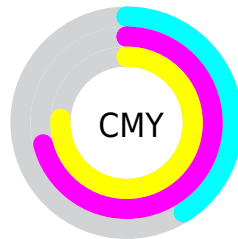
- Red (59%)
- Green (29%)
- Blue (24%)



- Red (59%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (41%)





- Cyan (41%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0942, 11.9377, 5.7309 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 16.0942, 11.9377, 5.7309 by changing the saturation by 10% instead.


 16.0942, 11.9377,
5.7309


 16.0942, 11.9377,
5.7309

223.1564,
203.9924, 165.8667


 9.6821, 6.7013,
2.6160


 36.3178, 29.3816,
17.8377


 5.2493, 3.2760,
0.9007

 50.8600, 42.3578,
27.6666


 2.4305, 1.2775,
0.0000

 68.8430, 58.6828,
40.5707

 0.8604, 0.1237,
0.0000

 90.6320, 78.7409,
56.9684

 0.0000, 0.0000,
0.0000

 116.5925,
102.9165, 77.2784

 147.0899,

131.5940, 101.9190

182.4894,
165.1579, 131.3089

■ 16.0942, 11.9377,
5.7309

■ 16.0942, 11.9377,
5.7309

■ 14.9784, 10.2563,
3.6628

■ 17.4941, 14.0051,
8.4559

■ 14.1257, 8.9348,
2.1951

■ 19.1953, 16.4785,
11.8867

■ 13.5136, 7.9469,
1.2625

■ 21.2145, 19.3790,
16.0681

■ 13.1079, 7.2702,
0.7124

■ 23.5672, 22.7255,
21.0414

■ 26.2675, 26.5358,
26.8444

■ 29.3290, 30.8267,
33.5127

■ 32.7643, 35.6142,
41.0799

■ 36.5857, 40.9136,
49.5777

■ 40.8046, 46.7395,
59.0362

Harmonies

Analogous

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



17.4735, 11.9377, 11.0596



16.0942, 11.9377, 5.7309



13.4849, 11.9377, 3.3857

Triad

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



16.0942, 11.9377, 5.7309



7.1032, 11.9377, 8.0358



12.0751, 11.9377, 34.6825

Complementary

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



16.0942, 11.9377, 5.7309



16.2530, 20.8022, 32.4367

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.



9.4469, 11.9377, 32.7943



16.0942, 11.9377, 5.7309



6.8507, 11.9377, 15.1509

Square

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



16.0942, 11.9377, 5.7309



8.3947, 11.9377, 4.2896



7.6383, 11.9377, 24.7161



14.9198, 11.9377, 29.1505

Rectangle

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



16.0942, 11.9377, 5.7309



11.5600, 11.9377, 2.9471



7.6383, 11.9377, 24.7161



11.1355, 11.9377, 34.9248

Sweetspot

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



16.0945, 11.9383, 5.7311



43.0781, 41.9330, 39.5449



18.9189, 11.6273, 25.0459



9.5104, 9.1334, 8.3890



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.



16.0945, 11.9383, 5.7311



26.2900, 17.5481, 5.6132



20.1928, 20.1350, 7.0972



6.2870, 6.3791, 6.5058



11.1663, 6.2149, 0.6111



0.1851, 0.1293, 0.0152

Inverse Universe

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



16.2530, 20.8022, 32.4367



26.5294, 34.7157, 57.7362



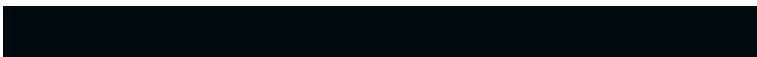
11.2636, 10.8234, 30.7735



6.2979, 6.8531, 7.9198



11.1280, 14.6527, 27.1494



0.1867, 0.2598, 0.4127

Previews

White Background



This preview shows how the XYZ color 16.0942, 11.9377, 5.7309 looks on a white background.

Color Contrast Check

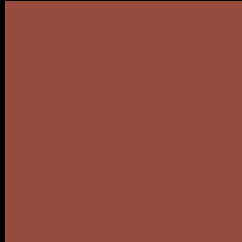
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0942, 11.9377, 5.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

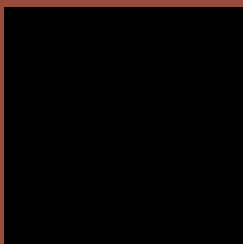
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0942, 11.9377, 5.7309

Background



This preview shows how black text looks on a background with the XYZ color 16.0942, 11.9377, 5.7309.



This preview shows how white text looks on a background with the XYZ color 16.0942, 11.9377,

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

16.0942, 11.9377, 5.7309

Protanopia

11.2676, 12.1683, 7.3851

Deuteranopia

12.2606, 12.0460, 5.5498



Tritanopia

16.7066, 11.9905, 8.6416

Trichromacy



Original Color

16.0942, 11.9377, 5.7309

Protanomaly

12.6656, 11.8433, 6.7727

Deuteranomaly

13.4516, 11.7864, 5.5690

Tritanomaly

16.5350, 12.0279, 7.4114

Monochromacy



Original Color

16.0942, 11.9377, 5.7309

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.2535, 11.3170, 9.7222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0942, 11.9377, 5.7309 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(151, 75, 60)` looks like.

```
.text, #text, p{  
    color:rgb(151, 75, 60)  
}
```

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(151, 75, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 75, 60) }
```

Border

The CSS property to change the border of an element to XYZ 16.0942, 11.9377, 5.7309 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(151, 75, 60) }
```


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

```
.border{ border-color:rgb(151, 75, 60) }
```

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

Here you see how a box with a 4 pixel rgb(151, 75, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 75, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 75, 60);  
box-shadow:4px 4px 4px 4px rgb(151, 75,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0942, 11.9377, 5.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 75, 60) }
```

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

```
.background{ background-color: rgb(151, 75,  
60) }
```

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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