

Converting Colors

XYZ(15.9548, 11.8404, 5.3573)

Have a look what the booklet for
XYZ(15.9548, 11.8404, 5.3573)
contains.

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Color

**XYZ(16.0171, 11.9069,
5.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	974B39
RGB	151, 75, 57
RGB Percent	59%, 29%, 22%
CMY	0.4078, 0.7059, 0.7765
CMYK	0.00, 0.50, 0.62, 0.41
HSL	11°, 45%, 41%
HSV	11°, 62%, 59%
XYZ	16.0171, 11.9069, 5.3250
YIQ	95.6720, 51.0740, 10.5140

Conversions

Conversions Part 2

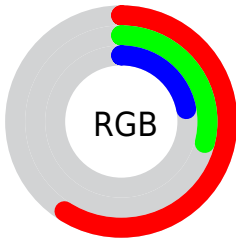
Format	Color
R_{YB}	151, 79, 57
Decimal	9915193
CIE Lab	41.07, 30.19, 25.25
CIE LCh	41, 39.362, 39.909
Yxy	11.9069, 0.4817, 0.3581
Android (android.graphics.Color)	4288105273 (0xFF974B39)
YUV	95.6720, -19.0653, 48.5227
Hunter-Lab	34.5064, 22.4696, 15.0049

Details

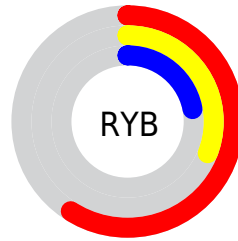
The XYZ color **16.0171, 11.9069, 5.3250** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.6602, 19.8781, 32.2894**, and the grayscale version is **11.0752, 11.6520, 12.6890**.

A 20% lighter version of the original color is **36.1268, 29.2220, 16.8330**, and **5.1905, 3.2485, 0.7689** is the 20% darker color. If you saturate the color by 10%, you get **14.9449, 10.2783, 3.3775**, and if you desaturate by 10%, it is **17.3609, 13.8994, 7.9160**.

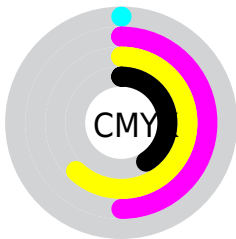
Distribution



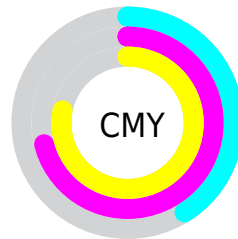
- Red (59%)
- Green (29%)
- Blue (22%)



- Red (59%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (62%)
- Black (41%)





- Cyan (41%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0171, 11.9069, 5.3250 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 16.0171, 11.9069, 5.3250 by changing the saturation by 10% instead.


 16.0171, 11.9069,
5.3250


 16.0171, 11.9069,
5.3250


222.7110,
203.7880, 161.9771


 9.6272, 6.6803,
2.3771


 36.1851, 29.3254,
16.9657


 5.2128, 3.2630,
0.7740

 50.6939, 42.2862,
26.4956


 2.4087, 1.2705,
0.0000

 68.6397, 58.5937,
39.0567

 0.8495, 0.1182,
0.0000

 90.3878, 78.6325,
55.0673

 0.0000, 0.0000,
0.0000

 116.3036,
102.7870, 74.9462

 146.7526,

131.4414, 99.1117

182.0999,
164.9803, 127.9825

■ 16.0171, 11.9069,
5.3250

■ 16.0171, 11.9069,
5.3250

■ 14.9449, 10.2783,
3.3775

■ 17.3609, 13.8994,
7.9160

■ 14.1239, 8.9894,
2.0156

■ 18.9927, 16.2743,
11.2002

■ 13.5323, 8.0159,
1.1723

■ 20.9289, 19.0511,
15.2229

■ 13.1999, 7.4542,
0.7431

■ 23.1841, 22.2474,
20.0257

■ 25.7720, 25.8797,
25.6469

■ 28.7056, 29.9636,
32.1222

■ 31.9971, 34.5141,
39.4854

■ 35.6581, 39.5453,
47.7683

■ 39.6998, 45.0708,
57.0011

Harmonies

Analogous

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



17.5571, 11.9069, 10.4672



16.0171, 11.9069, 5.3250



13.2880, 11.9069, 3.1544

Triad

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



16.0171, 11.9069, 5.3250



6.9432, 11.9069, 8.3205



12.2780, 11.9069, 35.1260

Complementary

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



16.0171, 11.9069, 5.3250



15.6602, 19.8781, 32.2894

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.



9.5515, 11.9069, 33.7551



16.0171, 11.9069, 5.3250



6.7645, 11.9069, 15.8306

Square

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



16.0171, 11.9069, 5.3250



8.1771, 11.9069, 4.3172



7.6403, 11.9069, 25.7284



15.1728, 11.9069, 28.9371

Rectangle

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



16.0171, 11.9069, 5.3250



11.3258, 11.9069, 2.7996



7.6403, 11.9069, 25.7284



11.3085, 11.9069, 35.5790

Sweetspot

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



16.0174, 11.9075, 5.3252



42.7885, 41.6287, 38.6006



18.5124, 11.2203, 23.6590



9.4588, 9.0865, 8.1984



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.



16.0174, 11.9075, 5.3252



26.0868, 17.3542, 4.8902



20.3667, 20.6062, 6.7750



6.2998, 6.4047, 6.5100



11.2462, 6.3748, 0.6377



0.1888, 0.1367, 0.0164

Inverse Universe

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



15.6602, 19.8781, 32.2894



25.3038, 32.7151, 57.4147



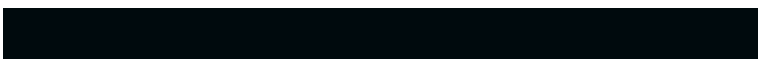
10.6627, 9.8830, 30.6236



6.2840, 6.8254, 7.9152



10.7005, 13.7977, 27.0069



0.1829, 0.2522, 0.4114

Previews

White Background



This preview shows how the XYZ color 16.0171, 11.9069, 5.3250 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 16.0171, 11.9069, 5.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

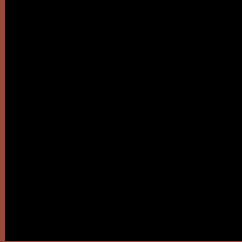
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0171, 11.9069, 5.3250

Background



This preview shows how black text looks on a background with the XYZ color 16.0171, 11.9069, 5.3250.



This preview shows how white text looks on a background with the XYZ color 16.0171, 11.9069,

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

16.0171, 11.9069, 5.3250

Protanopia

11.2019, 12.0069, 6.8814

Deuteranopia

12.1647, 12.0077, 5.0447



Tritanopia

16.6058, 11.8460, 8.4325

Trichromacy



Original Color

16.0171, 11.9069, 5.3250

Protanomaly

12.4956, 11.6412, 6.2910

Deuteranomaly

13.3537, 11.7472, 5.0536

Tritanomaly

16.4369, 11.8827, 7.2216

Monochromacy



Original Color

16.0171, 11.9069, 5.3250

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.2152, 11.3016, 9.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0171, 11.9069, 5.3250 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(151, 75, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 75, 57) }
```

Border

The CSS property to change the border of an element to XYZ 16.0171, 11.9069, 5.3250 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, 57) }
```


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

```
.border{ border-color:rgb(151, 75, 57) }
```

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, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 75, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 75, 57);  
box-shadow:4px 4px 4px 4px rgb(151, 75,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0171, 11.9069, 5.3250 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, 57) }
```

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

```
.background{ background-color: rgb(151, 75,  
57) }
```

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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