

Converting Colors

XYZ(15.2903, 11.1956, 2.7939)

Have a look what the booklet for
XYZ(15.2903, 11.1956, 2.7939)
contains.

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Color

**XYZ(15.2903, 11.1956,
2.7939)**

Conversions

Conversions Part 1

Format	Color
Hex	974721
RGB	151, 71, 33
RGB Percent	59%, 28%, 13%
CMY	0.4078, 0.7215, 0.8706
CMYK	0.00, 0.53, 0.78, 0.41
HSL	19°, 64%, 36%
HSV	19°, 78%, 59%
XYZ	15.2903, 11.1956, 2.7939
YIQ	90.5880, 59.8780, 5.1420

Conversions

Conversions Part 2

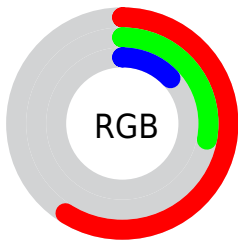
Format	Color
R_{YB}	151, 89, 33
Decimal	9914145
CIE _{Lab}	39.91, 30.95, 37.40
CIE _{LCh}	40, 48.548, 50.392
Yxy	11.1956, 0.5222, 0.3824
Android (android.graphics.Color)	4288104225 (0xFF974721)
YUV	90.5880, -28.3909, 52.9813
Hunter-Lab	33.4598, 23.0153, 18.4712

Details

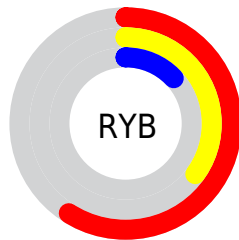
The XYZ color **15.2903, 11.1956, 2.7939** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.1178, 14.3670, 31.4125**, and the grayscale version is **9.9036, 10.4194, 11.3467**.

A 20% lighter version of the original color is **34.8637, 27.9556, 11.1479**, and **4.9225, 2.9925, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **14.5272, 9.9354, 1.7201**, and if you desaturate by 10%, it is **16.2585, 12.7144, 4.4044**.

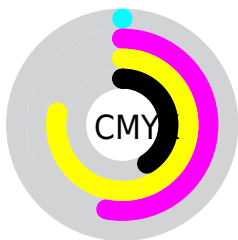
Distribution



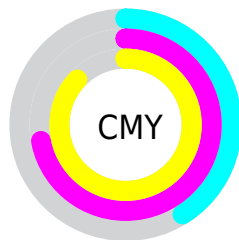
- Red (59%)
- Green (28%)
- Blue (13%)



- Red (59%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (41%)





- Cyan (41%)
- Magenta (72%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2903, 11.1956, 2.7939 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 15.2903, 11.1956, 2.7939 by changing the saturation by 10% instead.


 15.2903, 11.1956,
2.7939


 15.2903, 11.1956,
2.7939


218.4704,
199.0046, 133.6908


 9.1110, 6.1986,
0.9904


 34.9291, 28.0213,
11.1155


 4.8714, 2.9662,
0.0000

 49.1194, 40.6187,
18.4707


 2.2060, 1.1141,
0.0000

 66.7107, 56.5184,
28.5134

 0.7459, 0.0000,
0.0000

 88.0684, 76.1048,
41.6624

 0.0000, 0.0000,
0.0000

 113.5579, 99.7622,
58.3361

 143.5445,

127.8750, 78.9530

178.3935,
160.8277, 103.9317

15.2903, 11.1956,
2.7939

15.2903, 11.1956,
2.7939

14.5272, 9.9354,
1.7201

16.2585, 12.7144,
4.4044

13.9413, 8.9124,
1.0659

17.4474, 14.5047,
6.6122

13.8455, 8.7453,
0.9583

18.8719, 16.5805,
9.4701

20.5449, 18.9544,
13.0250

22.4787, 21.6381,
17.3193

■ 24.6844, 24.6426,
22.3922

■ 27.1726, 27.9782,
28.2798

■ 29.9533, 31.6551,
35.0163

■ 33.0358, 35.6826,
42.6335

Harmonies

Analogous

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



17.8792, 11.1956, 6.8326



15.2903, 11.1956, 2.7939



11.7510, 11.1956, 1.5552

Triad

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



15.2903, 11.1956, 2.7939



5.4762, 11.1956, 9.3672



13.0430, 11.1956, 38.8870

Complementary

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



15.2903, 11.1956, 2.7939



12.1178, 14.3670, 31.4125

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.



9.6034, 11.1956, 40.8611



15.2903, 11.1956, 2.7939



5.6796, 11.1956, 19.8002

Square

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



15.2903, 11.1956, 2.7939



6.4155, 11.1956, 3.8146



7.0451, 11.1956, 32.5985



16.4047, 11.1956, 28.1063

Rectangle

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



15.2903, 11.1956, 2.7939



9.5226, 11.1956, 1.5663



7.0451, 11.1956, 32.5985



11.8439, 11.1956, 40.7631

Sweetspot

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



15.2906, 11.1962, 2.7941



42.0454, 41.1992, 35.0951



16.3228, 8.8736, 16.6629



9.2625, 8.9623, 7.3051



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.



15.2906, 11.1962, 2.7941



25.1887, 16.3440, 2.1679



20.9357, 22.4864, 4.6758



6.3632, 6.5314, 6.5311



11.8023, 7.4870, 0.8231



0.2069, 0.1728, 0.0225

Inverse Universe

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



12.1178, 14.3670, 31.4125



19.0845, 21.9426, 55.6631



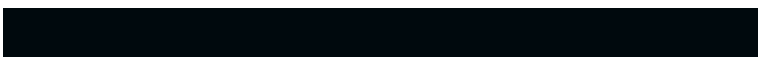
7.5620, 5.2554, 29.8939



6.2168, 6.6909, 7.8928



8.8515, 10.0996, 26.3906



0.1649, 0.2161, 0.4054

Previews

White Background



This preview shows how the XYZ color 15.2903, 11.1956, 2.7939 looks on a white background.

Color Contrast Check

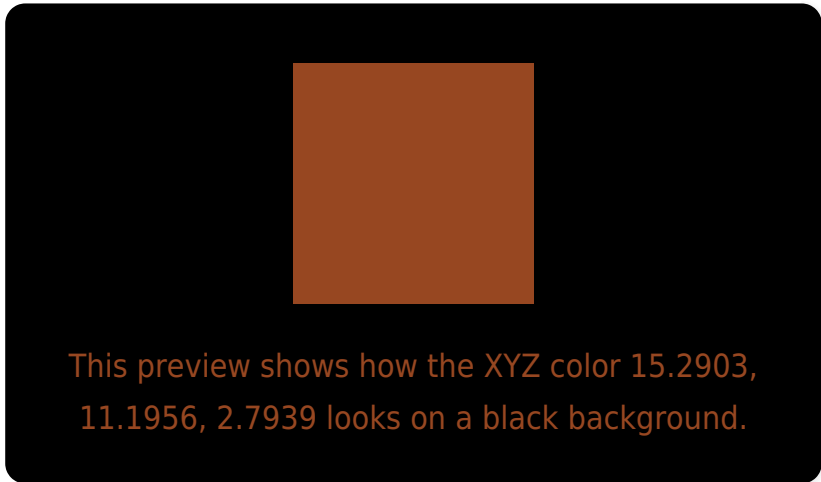
Large Text (above 18pt) WCAG AA ✓ Pass

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

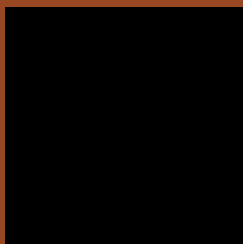
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2903, 11.1956, 2.7939

Background



This preview shows how black text looks on a background with the XYZ color 15.2903, 11.1956, 2.7939.



This preview shows how white text looks on a background with the XYZ color 15.2903, 11.1956,

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

15.2903, 11.1956, 2.7939

Protanopia

10.3009, 11.3409, 3.6536

Deuteranopia

11.4617, 11.3134, 2.6165



Tritanopia

16.2814, 11.2415, 7.2729

Trichromacy



Original Color

15.2903, 11.1956, 2.7939

Protanomaly

11.6878, 10.9267, 3.2433

Deuteranomaly

12.6751, 11.1005, 2.6370

Tritanomaly

15.7545, 11.1051, 5.1840

Monochromacy



Original Color

15.2903, 11.1956, 2.7939

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.0859, 10.2936, 7.1969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2903, 11.1956, 2.7939 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, 71, 33)` looks like.

```
.text, #text, p{  
    color:rgb(151, 71, 33)  
}
```

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, 71, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 71, 33) }
```

Border

The CSS property to change the border of an element to XYZ 15.2903, 11.1956, 2.7939 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, 71, 33) }
```


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

```
.border{ border-color:rgb(151, 71, 33) }
```

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

Here you see how a box with a 4 pixel rgb(151, 71, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 71, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 71, 33);  
box-shadow:4px 4px 4px 4px rgb(151, 71,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2903, 11.1956, 2.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 71, 33) }
```

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

```
.background{ background-color: rgb(151, 71,  
33) }
```

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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