

Converting Colors

XYZ(15.4615, 11.7754, 2.6452)

Have a look what the booklet for
XYZ(15.4615, 11.7754, 2.6452)
contains.

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Color

**XYZ(15.3839, 11.7416,
2.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	964C1D
RGB	150, 76, 29
RGB Percent	59%, 30%, 11%
CMY	0.4118, 0.7019, 0.8863
CMYK	0.00, 0.49, 0.81, 0.41
HSL	23°, 68%, 35%
HSV	23°, 81%, 59%
XYZ	15.3839, 11.7416, 2.6179
YIQ	92.7680, 59.1910, 1.0710

Conversions

Conversions Part 2

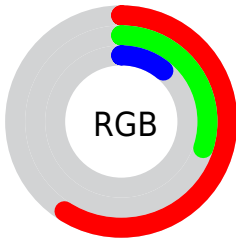
Format	Color
R_{YB}	150, 106, 29
Decimal	9849885
CIE Lab	40.80, 27.65, 40.21
CIE LCh	41, 48.799, 55.487
Yxy	11.7416, 0.5172, 0.3948
Android (android.graphics.Color)	4288039965 (0xFF964C1D)
YUV	92.7680, -31.4376, 50.1925
Hunter-Lab	34.2660, 20.1729, 19.4565

Details

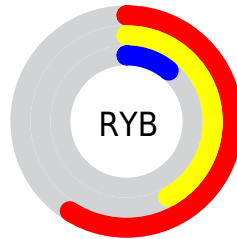
The XYZ color **15.3839, 11.7416, 2.6179** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.8616, 12.1629, 30.6292**, and the grayscale version is **10.4120, 10.9542, 11.9291**.

A 20% lighter version of the original color is **35.0599, 28.9988, 10.5870**, and **4.9536, 3.2059, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **14.6541, 10.5100, 1.6718**, and if you desaturate by 10%, it is **16.2948, 13.1909, 4.0702**.

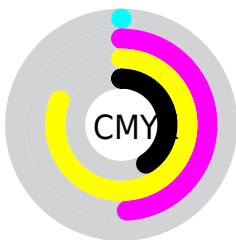
Distribution



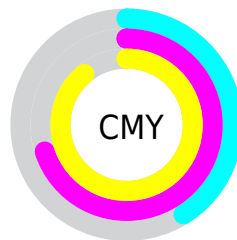
- Red (59%)
- Green (30%)
- Blue (11%)



- Red (59%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3839, 11.7416, 2.6179 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 15.3839, 11.7416, 2.6179 by changing the saturation by 10% instead.

■ 15.3839, 11.7416,
2.6179

■ 15.3839, 11.7416,
2.6179

219.0208,
202.6870, 131.3345

■ 9.1773, 6.5680,
0.9017

■ 35.0914, 29.0236,
10.6701

■ 4.9151, 3.1934,
0.0000

■ 49.3231, 41.9008,
17.8444

■ 2.2318, 1.2335,
0.0000

■ 66.9604, 58.1146,
27.6757

■ 0.7594, 0.0888,
0.0000

■ 88.3689, 78.0494,
40.5824

■ 0.0000, 0.0000,
0.0000

■ 113.9138,
102.0897, 56.9831

■ 143.9606,

130.6198, 77.2963

178.8745,
164.0241, 101.9406

15.3839, 11.7416,
2.6179

15.3839, 11.7416,
2.6179

14.6541, 10.5100,
1.6718

16.2948, 13.1909,
4.0702

14.1043, 9.5374,
1.0975

17.4010, 14.8677,
6.0904

18.7162, 16.7834,
8.7318

20.2522, 18.9480,
12.0413

22.0199, 21.3706,
16.0613

■ 24.0295, 24.0600,
20.8306

■ 26.2904, 27.0245,
26.3851

■ 28.8116, 30.2721,
32.7586

■ 31.6014, 33.8102,
39.9827

Harmonies

Analogous

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



18.3323, 11.7416, 6.1982



15.3839, 11.7416, 2.6179



11.6933, 11.7416, 1.6296

Triad

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



15.3839, 11.7416, 2.6179



5.7420, 11.7416, 11.3392



14.2848, 11.7416, 38.9583

Complementary

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



15.3839, 11.7416, 2.6179



10.8616, 12.1629, 30.6292

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.



10.6432, 11.7416, 42.8670



15.3839, 11.7416, 2.6179



6.1552, 11.7416, 22.8976

Square

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



15.3839, 11.7416, 2.6179



6.5151, 11.7416, 4.7259



7.7901, 11.7416, 35.8826



17.6111, 11.7416, 26.9573

Rectangle

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



15.3839, 11.7416, 2.6179



9.4713, 11.7416, 1.7957



7.7901, 11.7416, 35.8826



13.0384, 11.7416, 41.4608

Sweetspot

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



15.3842, 11.7422, 2.6181



41.0054, 40.5975, 33.3973



15.4963, 8.3545, 13.7907



8.8349, 8.6588, 6.8032



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.3842, 11.7422, 2.6181



25.0131, 17.0245, 2.1347



21.5871, 24.1481, 4.6858



5.9745, 6.1628, 6.1151



11.7273, 7.9690, 0.9201



0.1707, 0.1518, 0.0203

Inverse Universe

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



10.8616, 12.1629, 30.6292



16.5979, 17.5435, 53.4327



6.8799, 4.1995, 29.3020



5.7769, 6.1877, 7.3596



7.7523, 8.1994, 25.1051



0.1236, 0.1578, 0.3168

Previews

White Background



This preview shows how the XYZ color 15.3839, 11.7416, 2.6179 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 15.3839, 11.7416, 2.6179 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 15.3839, 11.7416, 2.6179

Background



This preview shows how black text looks on a background with the XYZ color 15.3839, 11.7416, 2.6179.



This preview shows how white text looks on a background with the XYZ color 15.3839, 11.7416,

2.6179.

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

15.3839, 11.7416, 2.6179

Protanopia

10.7624, 11.8589, 3.3119

Deuteranopia

12.0078, 11.8537, 2.4657



Tritanopia

16.5066, 11.7037, 8.2265

Trichromacy



Original Color

15.3839, 11.7416, 2.6179

Protanomaly

12.0153, 11.4655, 3.0186

Deuteranomaly

13.0190, 11.6313, 2.4786

Tritanomaly

15.9345, 11.6602, 5.5485

Monochromacy



Original Color

15.3839, 11.7416, 2.6179

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.4531, 10.8360, 7.2823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3839, 11.7416, 2.6179 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(150, 76, 29)` looks like.

```
.text, #text, p{  
    color:rgb(150, 76, 29)  
}
```

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(150, 76, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 76, 29) }
```

Border

The CSS property to change the border of an element to XYZ 15.3839, 11.7416, 2.6179 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(150, 76, 29) }
```


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

```
.border{ border-color:rgb(150, 76, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 76, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 76, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 76, 29);  
box-shadow:4px 4px 4px 4px rgb(150, 76,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3839, 11.7416, 2.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 76, 29) }
```

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

```
.background{ background-color: rgb(150, 76,  
29) }
```

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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