

Converting Colors

XYZ(11.2482, 11.2299, 2.6104)

Have a look what the booklet for
XYZ(11.2482, 11.2299, 2.6104)
contains.

XYZ(11.1901, 11.1734, 2.6038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.1901, 11.1734,
2.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	755A1B
RGB	117, 90, 27
RGB Percent	46%, 35%, 11%
CMY	0.5412, 0.6470, 0.8941
CMYK	0.00, 0.23, 0.77, 0.54
HSL	42°, 62%, 28%
HSV	42°, 77%, 46%
XYZ	11.1901, 11.1734, 2.6038
YIQ	90.8910, 36.3150, -13.8690

Conversions

Conversions Part 2

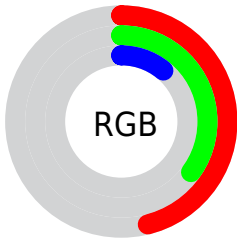
Format	Color
R_{YB}	66, 117, 27
Decimal	7690779
CIE _{Lab}	39.87, 4.23, 38.71
CIE _{LCh}	40, 38.939, 83.757
Yxy	11.1734, 0.4482, 0.4475
Android (android.graphics.Color)	4285880859 (0xFF755A1B)
YUV	90.8910, -31.4983, 22.8976
Hunter-Lab	33.4266, 1.2591, 18.7802

Details

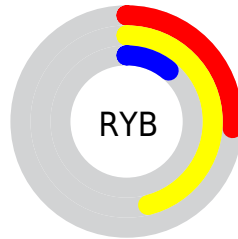
The XYZ color **11.1901, 11.1734, 2.6038** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.9819, 4.1555, 17.3689**, and the grayscale version is **9.9830, 10.5029, 11.4376**.

A 20% lighter version of the original color is **27.6613, 28.0348, 10.6100**, and **3.1184, 3.0006, 0.4148** is the 20% darker color. If you saturate the color by 10%, you get **10.7918, 10.5520, 1.9312**, and if you desaturate by 10%, it is **11.6569, 11.8455, 3.5657**.

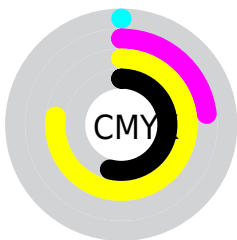
Distribution



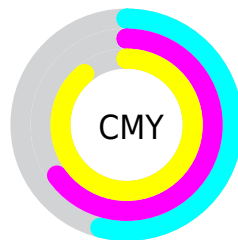
- Red (46%)
- Green (35%)
- Blue (11%)



- Red (26%)
- Yellow (46%)
- Blue (11%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1901, 11.1734, 2.6038 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 11.1901, 11.1734, 2.6038 by changing the saturation by 10% instead.

■ 11.1901, 11.1734,
2.6038

■ 11.1901, 11.1734,
2.6038

192.8486,
198.8533, 131.1425

■ 6.2631, 6.1836,
0.8944

■ 27.6410, 27.9804,
10.6341

■ 3.0479, 2.9570,
0.0000

■ 39.8956, 40.5663,
17.7937

■ 1.1791, 1.1093,
0.0000

■ 55.3234, 56.4531,
27.6077

■ 0.0898, 0.0000,
0.0000

■ 74.2899, 76.0251,
40.4946

■ 0.0000, 0.0000,
0.0000

■ 97.1602, 99.6667,
56.8730

■ 124.2999,

127.7624, 77.1615

156.0743,
160.6965, 101.7784

11.1901, 11.1734,
2.6038

11.1901, 11.1734,
2.6038

10.7918, 10.5520,
1.9312

11.6569, 11.8455,
3.5657

10.4478, 9.9739,
1.4779

12.1973, 12.5692,
4.8465

10.3461, 9.8020,
1.3467

12.8167, 13.3476,
6.4729

13.5199, 14.1826,
8.4685

14.3111, 15.0765,
10.8549

■ 15.1942, 16.0308,
13.6520

■ 16.1729, 17.0476,
16.8783

■ 17.2507, 18.1283,
20.5512

■ 18.4308, 19.2745,
24.6870

Harmonies

Analogous

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



13.9661, 11.1734, 3.7247



11.1901, 11.1734, 2.6038



8.6769, 11.1734, 3.0424

Triad

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



11.1901, 11.1734, 2.6038



6.5683, 11.1734, 19.1300



15.3401, 11.1734, 23.1391

Complementary

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



11.1901, 11.1734, 2.6038



4.9819, 4.1555, 17.3689

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.



12.8334, 11.1734, 31.2815



11.1901, 11.1734, 2.6038



7.8562, 11.1734, 28.3659

Square

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



11.1901, 11.1734, 2.6038



6.2780, 11.1734, 10.6310



10.0696, 11.1734, 33.5148



16.6082, 11.1734, 13.8419

Rectangle

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



11.1901, 11.1734, 2.6038



7.4407, 11.1734, 4.3182



10.0696, 11.1734, 33.5148



14.5961, 11.1734, 26.2363

Sweetspot

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



11.1904, 11.1739, 2.6040



26.1349, 27.5543, 21.0215



8.3939, 4.8322, 3.9805



5.9067, 6.2234, 4.5144



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.1904, 11.1739, 2.6040



18.8649, 18.1198, 2.8588



11.7046, 15.4542, 3.4031



3.8784, 4.0897, 3.9273



11.3855, 10.7722, 1.4792



54.7068, 50.9420, 6.9494

Inverse Universe

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



4.9819, 4.1555, 17.3689



7.2456, 5.0614, 30.7321



4.6851, 2.6262, 17.0894



3.5819, 3.7525, 4.6258



4.1904, 2.7206, 18.8468



19.7530, 11.9226, 91.6205

Previews

White Background



This preview shows how the XYZ color 11.1901, 11.1734, 2.6038 looks on a white background.

Color Contrast Check

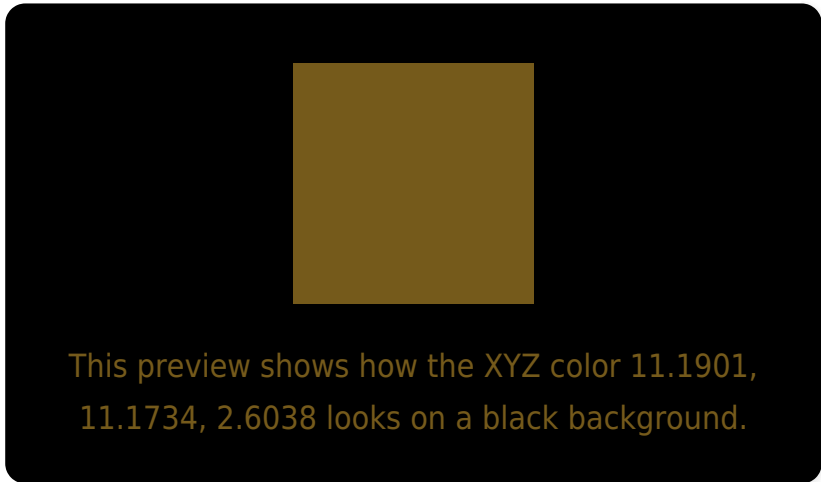
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1901, 11.1734, 2.6038

Background



This preview shows how black text looks on a background with the XYZ color 11.1901, 11.1734, 2.6038.



This preview shows how white text looks on a background with the XYZ color 11.1901, 11.1734,

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

11.1901, 11.1734, 2.6038

Protanopia

10.1562, 11.1534, 2.7161

Deuteranopia

11.2414, 11.0754, 2.5822



Tritanopia

12.9009, 11.1438, 11.1439

Trichromacy



Original Color

11.1901, 11.1734, 2.6038

Protanomaly

10.5544, 11.2275, 2.7095

Deuteranomaly

11.2414, 11.0754, 2.5822

Tritanomaly

12.0866, 11.0539, 6.8068

Monochromacy



Original Color

11.1901, 11.1734, 2.6038

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0400, 10.6089, 6.9874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1901, 11.1734, 2.6038 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(117, 90, 27)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 27)  
}
```

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(117, 90, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 27) }
```

Border

The CSS property to change the border of an element to XYZ 11.1901, 11.1734, 2.6038 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(117, 90, 27) }
```


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

```
.border{ border-color:rgb(117, 90, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 27);  
box-shadow:4px 4px 4px 4px rgb(117, 90,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1901, 11.1734, 2.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 27) }
```

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

```
.background{ background-color: rgb(117, 90,  
27) }
```

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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