

Converting Colors

XYZ(11.6062, 11.2137, 1.5527)

Have a look what the booklet for
XYZ(11.6062, 11.2137, 1.5527)
contains.

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Color

**XYZ(11.5158, 11.1170,
1.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5800
RGB	122, 88, 0
RGB Percent	48%, 35%, 0%
CMY	0.5216, 0.6549, 1.0000
CMYK	0.00, 0.28, 1.00, 0.52
HSL	43°, 100%, 24%
HSV	43°, 100%, 48%
XYZ	11.5158, 11.1170, 1.5389
YIQ	88.1340, 48.5120, -20.1600

Conversions

Conversions Part 2

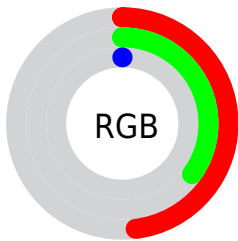
Format	Color
RYB	47, 122, 0
Decimal	8017920
CIELab	39.78, 7.00, 47.81
CIELCh	40, 48.320, 81.676
Yxy	11.1170, 0.4764, 0.4599
Android (android.graphics.Color)	4286208000 (0xFF7A5800)
YUV	88.1340, -43.4501, 29.7005
Hunter-Lab	33.3422, 3.3020, 20.6030

Details

The XYZ color **11.5158, 11.1170, 1.5389** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.0850, 2.5494, 18.6891**, and the grayscale version is **9.3901, 9.8791, 10.7584**.

A 20% lighter version of the original color is **28.1871, 27.9373, 7.7777**, and **3.2478, 2.9567, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **11.5159, 11.1173, 1.5389**, and if you desaturate by 10%, it is **11.8693, 11.7159, 1.9903**.

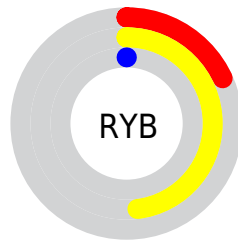
Distribution



Red (48%)

Green (35%)

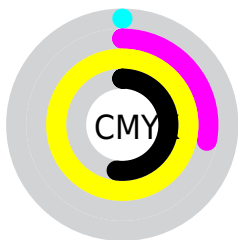
Blue (0%)



Red (18%)

Yellow (48%)

Blue (0%)

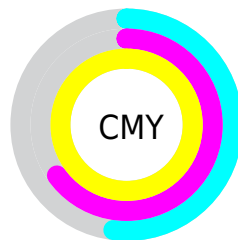


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (52%)



Cyan (52%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5158, 11.1170, 1.5389 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 11.5158, 11.1170, 1.5389 by changing the saturation by 10% instead.


 11.5158, 11.1170,
1.5389


 11.5158, 11.1170,
1.5389


 195.0090,
198.4685, 114.7474


 6.4847, 6.1456,
0.2467


 28.2347, 27.8763,
7.7369


 3.1854, 2.9338,
0.0000

 40.6532, 40.4330,
13.6430


 1.2526, 1.0973,
0.0000

 56.2649, 56.2869,
21.9785

 0.1473, 0.0000,
0.0000

 75.4352, 75.8224,
33.1621


 0.0000, 0.0000,
0.0000


 98.5294, 99.4240,
47.6122


 125.9128,


127.4759, 65.7475


 157.9509,
160.3626, 87.9863


 11.5158, 11.1170,
1.5389


 11.5158, 11.1170,
1.5389


 11.5159, 11.1173,
1.5389

 11.8693, 11.7159,
1.9903

 12.2696, 12.3542,
2.6244

 12.7405, 13.0420,
3.5639

 13.2887, 13.7825,
4.8442

 13.9203, 14.5782,
6.4959

■ 14.6405, 15.4315,
8.5461

■ 15.4542, 16.3446,
11.0194

■ 16.3658, 17.3195,
13.9384

■ 17.3795, 18.3582,
17.3240

Harmonies

Analogous

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



15.0300, 11.1170, 2.6912



11.5158, 11.1170, 1.5389



8.3835, 11.1170, 1.8336

Triad

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



11.5158, 11.1170, 1.5389



5.6828, 11.1170, 20.1721



16.3941, 11.1170, 27.3107

Complementary

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



11.5158, 11.1170, 1.5389



4.0850, 2.5494, 18.6891

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.



13.0986, 11.1170, 38.2101



11.5158, 11.1170, 1.5389



7.0876, 11.1170, 32.8031

Square

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



11.5158, 11.1170, 1.5389



5.4330, 11.1170, 9.6505



9.6706, 11.1170, 40.6220



18.2071, 11.1170, 14.9428

Rectangle

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



11.5158, 11.1170, 1.5389



6.8710, 11.1170, 2.9510



9.6706, 11.1170, 40.6220



15.3940, 11.1170, 31.4875

Sweetspot

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



11.5160, 11.1176, 1.5391



27.0788, 28.6346, 19.0437



8.3231, 4.2565, 1.9398



6.0780, 6.4215, 4.0041



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.5160, 11.1176, 1.5391



20.1422, 19.3232, 2.6681



11.7381, 16.3825, 2.5436



4.2178, 4.4541, 4.2619



12.1173, 11.6904, 1.6178



57.0562, 54.2758, 7.4691

Inverse Universe

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



4.0850, 2.5494, 18.6891



7.0830, 4.2778, 32.8453



3.9502, 1.6307, 18.5189



3.8802, 4.0587, 5.0221



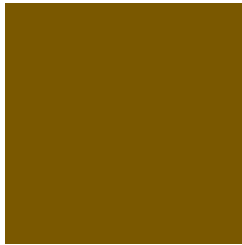
4.2942, 2.6709, 19.6745



19.8543, 11.4813, 93.6395

Previews

White Background



This preview shows how the XYZ color 11.5158, 11.1170, 1.5389 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 11.5158, 11.1170, 1.5389

Background



This preview shows how black text looks on a background with the XYZ color 11.5158, 11.1170, 1.5389.



This preview shows how white text looks on a background with the XYZ color 11.5158, 11.1170,

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

11.5158, 11.1170, 1.5389

Protanopia

9.9849, 11.0849, 1.8144

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

13.3829, 11.1748, 10.6841

Trichromacy



Original Color

11.5158, 11.1170, 1.5389

Protanomaly

10.5312, 11.1078, 1.7038

Deuteranomaly

11.3181, 11.1378, 1.5533

Tritanomaly

12.3416, 10.9861, 5.2114

Monochromacy



Original Color

11.5158, 11.1170, 1.5389

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.4591, 9.9743, 5.1681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5158, 11.1170, 1.5389 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(122, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 88, 0)  
}
```

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(122, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 88, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.5158, 11.1170, 1.5389 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(122, 88, 0) }
```


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

```
.border{ border-color:rgb(122, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(122, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5158, 11.1170, 1.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 88, 0) }
```

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

```
.background{ background-color: rgb(122, 88,  
0) }
```

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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