

Converting Colors

XYZ(11.7611, 11.2510, 1.6092)

Have a look what the booklet for
XYZ(11.7611, 11.2510, 1.6092)
contains.

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Color

**XYZ(11.8129, 11.2689,
1.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5802
RGB	124, 88, 2
RGB Percent	49%, 35%, 1%
CMY	0.5137, 0.6549, 0.9921
CMYK	0.00, 0.29, 0.98, 0.51
HSL	42°, 97%, 25%
HSV	42°, 98%, 49%
XYZ	11.8129, 11.2689, 1.6099
YIQ	88.9600, 49.0620, -19.1140

Conversions

Conversions Part 2

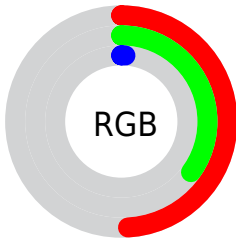
Format	Color
R_YB	53, 124, 2
Decimal	8148994
CIE Lab	40.03, 8.01, 47.51
CIE LCh	40, 48.186, 80.425
Yxy	11.2689, 0.4784, 0.4564
Android (android.graphics.Color)	4286339074 (0xFF7C5802)
YUV	88.9600, -42.8713, 30.7301
Hunter-Lab	33.5692, 4.0676, 20.6550

Details

The XYZ color **11.8129, 11.2689, 1.6099** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.3563, 2.8543, 19.3901**, and the grayscale version is **9.5713, 10.0697, 10.9659**.

A 20% lighter version of the original color is **28.9083, 28.3062, 7.9430**, and **3.3897, 3.0298, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **11.7539, 11.1684, 1.5362**, and if you desaturate by 10%, it is **12.1921, 11.9138, 2.0869**.

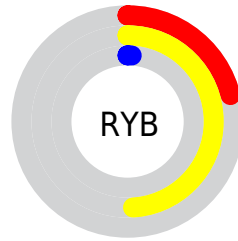
Distribution



Red (49%)

Green (35%)

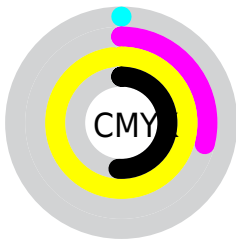
Blue (1%)



Red (21%)

Yellow (49%)

Blue (1%)

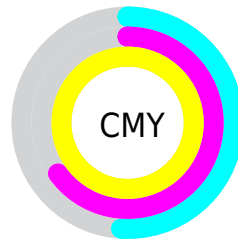


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (65%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8129, 11.2689, 1.6099 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 11.8129, 11.2689, 1.6099 by changing the saturation by 10% instead.

■ 11.8129, 11.2689,
1.6099

■ 11.8129, 11.2689,
1.6099

■ 196.9580,
199.5032, 115.9908

■ 6.6877, 6.2480,
0.2979

■ 28.7737, 28.1563,
7.9439

■ 3.3121, 2.9965,
0.0000

■ 41.3400, 40.7917,
13.9447

■ 1.3209, 1.1299,
0.0000

■ 57.1174, 56.7340,
22.3928

■ 0.1988, 0.0033,
0.0000

■ 76.4712, 76.3676,
33.7066


■ 0.0000, 0.0000,
0.0000


■ 99.7668, 100.0769,
48.3048


■ 127.3696,


128.2463, 66.6059


 159.6449,
161.2603, 89.0283


 11.8129, 11.2689,
1.6099


 11.8129, 11.2689,
1.6099


 11.7539, 11.1684,
1.5362

 12.1921, 11.9138,
2.0869

 12.6289, 12.6057,
2.7925

 13.1417, 13.3527,
3.8218

 13.7375, 14.1582,
5.2108

 14.4224, 15.0247,
6.9908

■ 15.2019, 15.9549,
9.1895

■ 16.0810, 16.9509,
11.8321

■ 17.0643, 18.0150,
14.9419

■ 18.1560, 19.1492,
18.5405

Harmonies

Analogous

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



15.3363, 11.2689, 2.8614



11.8129, 11.2689, 1.6099



8.6255, 11.2689, 1.8533

Triad

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



11.8129, 11.2689, 1.6099



5.7561, 11.2689, 19.8578



16.4513, 11.2689, 28.0783

Complementary

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



11.8129, 11.2689, 1.6099



4.3563, 2.8543, 19.3901

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.



13.1076, 11.2689, 38.7727



11.8129, 11.2689, 1.6099



7.1235, 11.2689, 32.5611

Square

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



11.8129, 11.2689, 1.6099



5.5512, 11.2689, 9.4623



9.6794, 11.2689, 40.7402



18.3579, 11.2689, 15.5843

Rectangle

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



11.8129, 11.2689, 1.6099



7.0681, 11.2689, 2.9283



9.6794, 11.2689, 40.7402



15.4292, 11.2689, 32.2263

Sweetspot

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



11.8132, 11.2695, 1.6101



27.9228, 29.4112, 19.6676



8.6936, 4.4724, 2.2901



6.4480, 6.7821, 4.2446



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.8132, 11.2695, 1.6101



20.5604, 19.4065, 2.6622



12.4301, 17.1063, 2.7042



4.2126, 4.4437, 4.2602



11.9466, 11.3491, 1.5609



56.2208, 52.6051, 7.1906

Inverse Universe

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



4.3563, 2.8543, 19.3901



7.4348, 4.6262, 34.0577



4.0962, 1.7237, 19.1856



3.8851, 4.0685, 5.0237



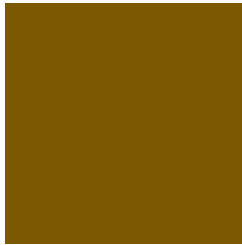
4.3559, 2.7943, 19.6951



20.1236, 12.0199, 93.7292

Previews

White Background



This preview shows how the XYZ color 11.8129, 11.2689, 1.6099 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 11.8129, 11.2689, 1.6099 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 11.8129, 11.2689, 1.6099

Background



This preview shows how black text looks on a background with the XYZ color 11.8129, 11.2689, 1.6099.



This preview shows how white text looks on a background with the XYZ color 11.8129, 11.2689,

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

11.8129, 11.2689, 1.6099

Protanopia

10.1994, 11.3277, 1.8786

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

13.6808, 11.3284, 10.6981

Trichromacy



Original Color

11.8129, 11.2689, 1.6099

Protanomaly

10.6701, 11.1782, 1.7675

Deuteranomaly

11.4630, 11.2119, 1.5887

Tritanomaly

12.6612, 11.1481, 5.3554

Monochromacy



Original Color

11.8129, 11.2689, 1.6099

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.7904, 10.2649, 5.3362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8129, 11.2689, 1.6099 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(124, 88, 2)` looks like.

```
.text, #text, p{  
    color:rgb(124, 88, 2)  
}
```

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(124, 88, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 88, 2) }
```

Border

The CSS property to change the border of an element to XYZ 11.8129, 11.2689, 1.6099 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(124, 88, 2) }
```


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

```
.border{ border-color:rgb(124, 88, 2) }
```

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

Here you see how a box with a 4 pixel rgb(124, 88, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 88, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 88, 2);  
box-shadow:4px 4px 4px 4px rgb(124, 88, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8129, 11.2689, 1.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 88, 2) }
```

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

```
.background{ background-color: rgb(124, 88,  
2) }
```

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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