

Converting Colors

XYZ(11.2191, 11.0665, 2.4644)

Have a look what the booklet for
XYZ(11.2191, 11.0665, 2.4644)
contains.

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Color

**XYZ(11.2191, 11.0665,
2.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	765919
RGB	118, 89, 25
RGB Percent	46%, 35%, 10%
CMY	0.5373, 0.6510, 0.9020
CMYK	0.00, 0.25, 0.79, 0.54
HSL	41°, 65%, 28%
HSV	41°, 79%, 46%
XYZ	11.2191, 11.0665, 2.4644
YIQ	90.3750, 37.8280, -13.7560

Conversions

Conversions Part 2

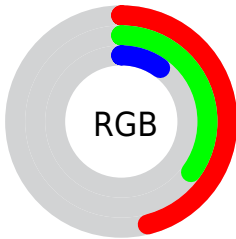
Format	Color
R_{YB}	67, 118, 25
Decimal	7756057
CIE Lab	39.69, 5.22, 39.45
CIE LCh	40, 39.791, 82.467
Yxy	11.0665, 0.4533, 0.4471
Android (android.graphics.Color)	4285946137 (0xFF765919)
YUV	90.3750, -32.2299, 24.2271
Hunter-Lab	33.2663, 1.9831, 18.8942

Details

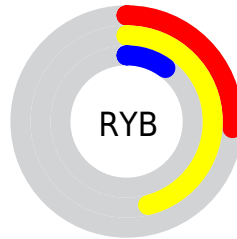
The XYZ color **11.2191, 11.0665, 2.4644** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.9900, 4.1529, 17.6781**, and the grayscale version is **9.8672, 10.3810, 11.3050**.

A 20% lighter version of the original color is **27.6688, 27.8305, 10.2169**, and **3.1474, 2.9596, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **10.8192, 10.4293, 1.8304**, and if you desaturate by 10%, it is **11.6886, 11.7570, 3.3872**.

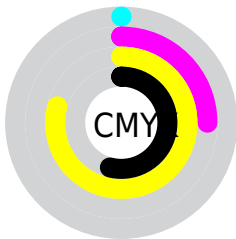
Distribution



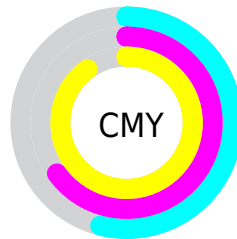
- Red (46%)
- Green (35%)
- Blue (10%)



- Red (26%)
- Yellow (46%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (79%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2191, 11.0665, 2.4644 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 11.2191, 11.0665, 2.4644 by changing the saturation by 10% instead.

■ 11.2191, 11.0665,
2.4644

■ 11.2191, 11.0665,
2.4644

193.0420,
198.1232, 129.2158

■ 6.2828, 6.1116,
0.8212

■ 27.6940, 27.7831,
10.2754

■ 3.0601, 2.9130,
0.0000

■ 39.9633, 40.3135,
17.2873

■ 1.1856, 1.0865,
0.0000

■ 55.4076, 56.1379,
26.9282

■ 0.0950, 0.0000,
0.0000

■ 74.3923, 75.6407,
39.6165

■ 0.0000, 0.0000,
0.0000

■ 97.2827, 99.2062,
55.7710

■ 124.4442,

127.2189, 75.8099

156.2422,
160.0631, 100.1521

11.2191, 11.0665,
2.4644

11.2191, 11.0665,
2.4644

10.8192, 10.4293,
1.8304

11.6886, 11.7570,
3.3872

10.4695, 9.8358,
1.3869

12.2332, 12.5019,
4.6302

10.4291, 9.7674,
1.3356

12.8586, 13.3043,
6.2211

13.5697, 14.1664,
8.1846

14.3709, 15.0905,
10.5431

■ 15.2664, 16.0785,
13.3173

■ 16.2600, 17.1321,
16.5262

■ 17.3552, 18.2532,
20.1880

■ 18.5554, 19.4434,
24.3194

Harmonies

Analogous

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



14.0375, 11.0665, 3.6465



11.2191, 11.0665, 2.4644



8.6435, 11.0665, 2.8310

Triad

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



11.2191, 11.0665, 2.4644



6.3874, 11.0665, 18.7285



15.2353, 11.0665, 23.6734

Complementary

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



11.2191, 11.0665, 2.4644



4.9900, 4.1529, 17.6781

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.



12.6465, 11.0665, 31.8702



11.2191, 11.0665, 2.4644



7.6428, 11.0665, 28.2599

Square

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



11.2191, 11.0665, 2.4644



6.1384, 11.0665, 10.1905



9.8475, 11.0665, 33.8366



16.6026, 11.0665, 14.1220

Rectangle

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



11.2191, 11.0665, 2.4644



7.3674, 11.0665, 4.0331



9.8475, 11.0665, 33.8366



14.4598, 11.0665, 26.8218

Sweetspot

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



11.2194, 11.0670, 2.4646



25.9119, 27.2524, 20.5031



8.4954, 4.8175, 4.0279



5.8578, 6.1547, 4.4082



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.



11.2194, 11.0670, 2.4646



18.5077, 17.4468, 2.6118



12.0152, 15.7909, 3.3345



3.8749, 4.0828, 3.9261



11.2715, 10.5442, 1.4412



54.1375, 49.8036, 6.7597

Inverse Universe

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



4.9900, 4.1529, 17.6781



7.1173, 4.8927, 30.7063



4.5746, 2.4967, 17.3803



3.5852, 3.7590, 4.6268



4.2361, 2.8118, 18.8620



19.9582, 12.3330, 91.6889

Previews

White Background



This preview shows how the XYZ color 11.2191, 11.0665, 2.4644 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 11.2191, 11.0665, 2.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

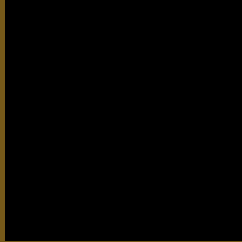
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2191, 11.0665, 2.4644

Background



This preview shows how black text looks on a background with the XYZ color 11.2191, 11.0665, 2.4644.



This preview shows how white text looks on a background with the XYZ color 11.2191, 11.0665,

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

11.2191, 11.0665, 2.4644

Protanopia

10.0149, 11.0832, 2.5887

Deuteranopia

11.2191, 11.0665, 2.4644



Tritanopia

12.9225, 11.0454, 10.9021

Trichromacy



Original Color

11.2191, 11.0665, 2.4644

Protanomaly

10.4440, 11.0439, 2.5585

Deuteranomaly

11.2191, 11.0665, 2.4644

Tritanomaly

12.1170, 10.9553, 6.6302

Monochromacy



Original Color

11.2191, 11.0665, 2.4644

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.8951, 10.4150, 6.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2191, 11.0665, 2.4644 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(118, 89, 25)` looks like.

```
.text, #text, p{  
    color:rgb(118, 89, 25)  
}
```

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(118, 89, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 89, 25) }
```

Border

The CSS property to change the border of an element to XYZ 11.2191, 11.0665, 2.4644 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(118, 89, 25) }
```


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

```
.border{ border-color:rgb(118, 89, 25) }
```

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

Here you see how a box with a 4 pixel rgb(118, 89, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 89, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 89, 25);  
box-shadow:4px 4px 4px 4px rgb(118, 89,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2191, 11.0665, 2.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 89, 25) }
```

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

```
.background{ background-color: rgb(118, 89,  
25) }
```

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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