

Converting Colors

XYZ(11.6778, 11.0678, 2.0511)

Have a look what the booklet for
XYZ(11.6778, 11.0678, 2.0511)
contains.

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Color

**XYZ(11.6778, 11.0678,
2.0511)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5711
RGB	123, 87, 17
RGB Percent	48%, 34%, 7%
CMY	0.5176, 0.6588, 0.9333
CMYK	0.00, 0.29, 0.86, 0.52
HSL	40°, 76%, 27%
HSV	40°, 86%, 48%
XYZ	11.6778, 11.0678, 2.0511
YIQ	89.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

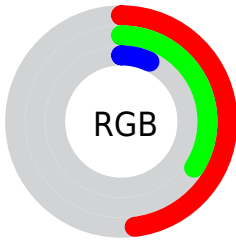
Format	Color
R_{YB}	72, 123, 17
Decimal	8083217
CIE Lab	39.69, 8.51, 42.81
CIE LCh	40, 43.646, 78.763
Yxy	11.0678, 0.4709, 0.4463
Android (android.graphics.Color)	4286273297 (0xFF7B5711)
YUV	89.7840, -35.8825, 29.1304
Hunter-Lab	33.2683, 4.4373, 19.6324

Details

The XYZ color **11.6778, 11.0678, 2.0511** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.0794, 4.0954, 19.2617**, and the grayscale version is **9.7410, 10.2483, 11.1604**.

A 20% lighter version of the original color is **28.5492, 27.8803, 9.1869**, and **3.3538, 2.9580, 0.3942** is the 20% darker color. If you saturate the color by 10%, you get **11.2741, 10.3812, 1.5446**, and if you desaturate by 10%, it is **12.1504, 11.8142, 2.8221**.

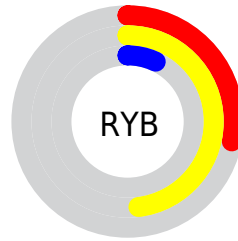
Distribution



Red (48%)

Green (34%)

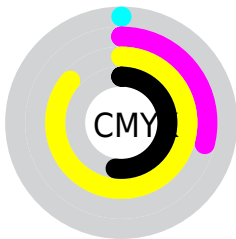
Blue (7%)



Red (28%)

Yellow (48%)

Blue (7%)

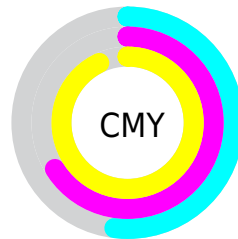


Cyan (0%)

Magenta (29%)

Yellow (86%)

Black (52%)



Cyan (52%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6778, 11.0678, 2.0511 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 11.6778, 11.0678, 2.0511 by changing the saturation by 10% instead.

■ 11.6778, 11.0678,
2.0511

■ 11.6778, 11.0678,
2.0511

196.0742,
198.1321, 123.1653

■ 6.5953, 6.1125,
0.5864

■ 28.5289, 27.7855,
9.1800

■ 3.2544, 2.9136,
0.0000

■ 41.0282, 40.3166,
15.7286

■ 1.2897, 1.0868,
0.0000

■ 56.7305, 56.1418,
24.8246

■ 0.1755, 0.0000,
0.0000

■ 76.0011, 75.6454,
36.8866


■ 0.0000, 0.0000,
0.0000


■ 99.2055, 99.2118,
52.3331


■ 126.7089,


127.2255, 71.5827


 158.8766,
160.0708, 95.0539


 11.6778, 11.0678,
2.0511


 11.6778, 11.0678,
2.0511


 11.2741, 10.3812,
1.5446


 12.1504, 11.8142,
2.8221

 11.1279, 10.1300,
1.3688

 12.7037, 12.6243,
3.9205

 13.3446, 13.5017,
5.3808

 14.0791, 14.4494,
7.2325

 14.9125, 15.4699,
9.5025

■ 15.8496, 16.5657,
12.2150

■ 16.8951, 17.7391,
15.3924

■ 18.0532, 18.9922,
19.0557

■ 19.3278, 20.3270,
23.2243

Harmonies

Analogous

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



14.7732, 11.0678, 3.4363



11.6778, 11.0678, 2.0511



8.7799, 11.0678, 2.2274

Triad

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



11.6778, 11.0678, 2.0511



5.9684, 11.0678, 18.1469



15.4511, 11.0678, 26.4524

Complementary

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



11.6778, 11.0678, 2.0511



5.0794, 4.0954, 19.2617

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.



12.4752, 11.0678, 35.2671



11.6778, 11.0678, 2.0511



7.1726, 11.0678, 29.1129

Square

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



11.6778, 11.0678, 2.0511



5.8358, 11.0678, 9.1240



9.4407, 11.0678, 36.4216



17.2106, 11.0678, 15.5451

Rectangle

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



11.6778, 11.0678, 2.0511



7.3206, 11.0678, 3.2425



9.4407, 11.0678, 36.4216



14.5365, 11.0678, 29.9417

Sweetspot

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



11.6780, 11.0684, 2.0513



28.3009, 29.5713, 21.6315



9.0371, 4.8792, 3.9680



6.5494, 6.8308, 4.7538



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.



11.6780, 11.0684, 2.0513



19.7912, 17.8681, 2.4058



13.2597, 17.3385, 3.1782



4.1985, 4.4155, 4.2555



11.5066, 10.4691, 1.4143



54.0752, 48.3138, 6.4754

Inverse Universe

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



5.0794, 4.0954, 19.2617



7.7474, 5.2513, 34.1619



4.3997, 2.1527, 18.9226



3.8986, 4.0955, 5.0282



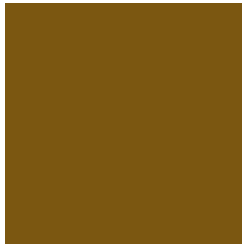
4.5419, 3.1662, 19.7570



20.9485, 13.6697, 94.0042

Previews

White Background



This preview shows how the XYZ color 11.6778, 11.0678, 2.0511 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 11.6778, 11.0678, 2.0511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

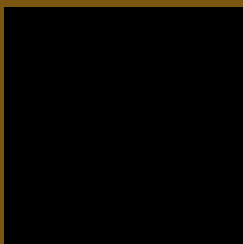
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6778, 11.0678, 2.0511

Background



This preview shows how black text looks on a background with the XYZ color 11.6778, 11.0678, 2.0511.



This preview shows how white text looks on a background with the XYZ color 11.6778, 11.0678,

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

11.6778, 11.0678, 2.0511

Protanopia

10.0641, 11.1166, 2.2314

Deuteranopia

11.2737, 11.1041, 2.0393



Tritanopia

13.4151, 11.0850, 10.4494

Trichromacy



Original Color

11.6778, 11.0678, 2.0511

Protanomaly

10.5324, 10.9706, 2.1347

Deuteranomaly

11.3290, 11.0099, 2.0182

Tritanomaly

12.5669, 10.9699, 6.0125

Monochromacy



Original Color

11.6778, 11.0678, 2.0511

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.9491, 10.3284, 6.1718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6778, 11.0678, 2.0511 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(123, 87, 17)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 17)  
}
```

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(123, 87, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 17) }
```

Border

The CSS property to change the border of an element to XYZ 11.6778, 11.0678, 2.0511 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(123, 87, 17) }
```


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

```
.border{ border-color:rgb(123, 87, 17) }
```

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

Here you see how a box with a 4 pixel rgb(123, 87, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 17);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6778, 11.0678, 2.0511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 17) }
```

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

```
.background{ background-color: rgb(123, 87,  
17) }
```

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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