

Converting Colors

XYZ(11.1307, 4.4790, 57.4046)

Have a look what the booklet for
XYZ(11.1307, 4.4790, 57.4046)
contains.

XYZ(11.1302, 4.4788, 57.4046)	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(11.1302, 4.4788,
57.4046)**

Conversions

Conversions Part 1

Format	Color
Hex	1100CC
RGB	17, 0, 204
RGB Percent	7%, 0%, 80%
CMY	0.9332, 1.0000, 0.2000
CMYK	0.92, 1.00, 0.00, 0.20
HSL	245°, 100%, 40%
HSV	245°, 100%, 80%
XYZ	11.1302, 4.4788, 57.4046
YIQ	28.3390, -55.3520, 67.0480

Conversions

Conversions Part 2

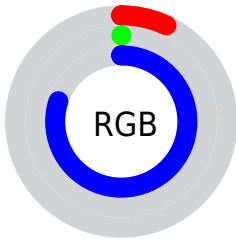
Format	Color
RYB	17, 0, 204
Decimal	1114316
CIELab	25.20, 67.05, -90.54
CIELCh	25, 112.670, 306.523
Yxy	4.4788, 0.1524, 0.0613
Android (android.graphics.Color)	4279304396 (0xFF1100CC)
YUV	28.3390, 86.6009, -9.9443
Hunter-Lab	21.1632, 56.8417, -146.0085

Details

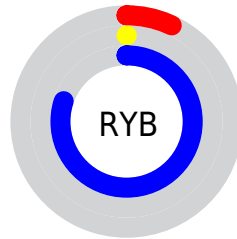
The XYZ color **11.1302, 4.4788, 57.4046** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **42.0795, 53.7471, 8.1564**, and the grayscale version is **1.0755, 1.1315, 1.2322**.

A 20% lighter version of the original color is **26.3138, 14.2018, 95.9621**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **11.1308, 4.4791, 57.4048**, and if you desaturate by 10%, it is **11.8744, 5.2443, 57.5133**.

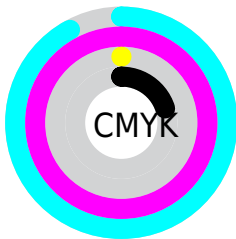
Distribution



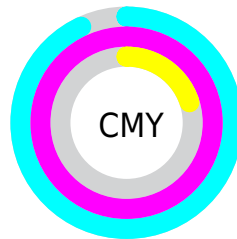
- Red (7%)
- Green (0%)
- Blue (80%)



- Red (7%)
- Yellow (0%)
- Blue (80%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1302, 4.4788, 57.4046 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 11.1302, 4.4788, 57.4046 by changing the saturation by 10% instead.

■ 11.1302, 4.4788,
57.4046

■ 11.1302, 4.4788,
57.4046

192.4485,
144.6700, 432.4998

■ 6.2224, 1.9448,
40.9186

■ 27.5315, 14.6817,
102.5615

■ 3.0227, 0.5751,
27.9363

■ 39.7557, 23.1194,
132.0695

■ 1.1658, 0.0000,
18.0390

■ 55.1495, 34.2937,
166.7553

■ 0.0791, 0.0000,
10.8083

■ 74.0781, 48.5892,
207.0374

■ 0.0000, 0.0000,
5.8255

■ 96.9070, 66.3902,
253.3344


■ 0.0000, 0.0000,
2.6722


■ 124.0014, 88.0811,


■ 0.0000, 0.0000,


306.0648


0.9294

 155.7268,
114.0462, 365.6470

 0.0000, 0.0000,
0.0000


 11.1302, 4.4788,
57.4046


 11.1302, 4.4788,
57.4046


 11.1308, 4.4791,
57.4048

 11.8744, 5.2443,
57.5133

 13.2293, 6.7278,
57.7283

 15.3353, 9.1397,
58.0828

 18.2817, 12.6000,
58.5954

 22.1451, 17.2105,
59.2817

■ 26.9933, 23.0609,
60.1554

■ 32.8879, 30.2320,
61.2289

■ 39.8851, 38.7978,
62.5135

■ 48.0375, 48.8268,
64.0196

Harmonies

Analogous

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



5.2455, 4.4788, 83.3648



11.1302, 4.4788, 57.4046



16.8546, 4.4788, 21.1957

Triad

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



11.1302, 4.4788, 57.4046



8.3700, 4.4788, 0.0000



0.0000, 4.4788, 8.0167

Complementary

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



11.1302, 4.4788, 57.4046



42.0795, 53.7471, 8.1564

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.



0.1283, 4.4788, 0.0000



11.1302, 4.4788, 57.4046



3.4012, 4.4788, 0.0000

Square

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



11.1302, 4.4788, 57.4046



14.6541, 4.4788, 0.0000



1.0262, 4.4788, 0.0000



0.4408, 4.4788, 35.8319

Rectangle

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



11.1302, 4.4788, 57.4046



18.5500, 4.4788, 6.4239



1.0262, 4.4788, 0.0000



0.0000, 4.4788, 3.6002

Sweetspot

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



11.1308, 4.4791, 57.4048



54.0501, 49.5602, 101.3251



28.6695, 39.9004, 63.3174



10.6363, 9.4714, 21.5175



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



11.1308, 4.4791, 57.4048



18.3654, 7.3826, 95.0648



18.5069, 8.2816, 57.7500



10.6871, 10.8880, 14.1087



7.0386, 2.8361, 36.1327



0.3939, 0.1622, 1.8655

Inverse Universe

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



33.8685, 16.4241, 48.3829



56.0503, 27.1841, 79.9197



25.3393, 45.1172, 7.3730



11.6456, 11.3870, 13.9342



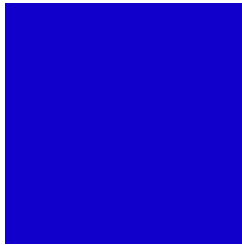
21.3340, 10.3442, 30.5412



1.1128, 0.5385, 1.6399

Previews

White Background



This preview shows how the XYZ color 11.1302, 4.4788, 57.4046 looks on a white background.

Color Contrast Check

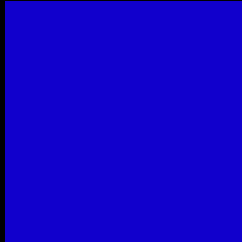
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 11.1302, 4.4788, 57.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

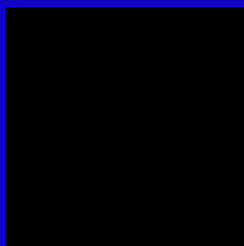
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1302, 4.4788, 57.4046

Background



This preview shows how black text looks on a background with the XYZ color 11.1302, 4.4788, 57.4046.



This preview shows how white text looks on a background with the XYZ color 11.1302, 4.4788,

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

11.1302, 4.4788, 57.4046

Protanopia

5.3818, 4.7381, 20.3696

Deuteranopia

4.4349, 4.7074, 14.3105



Tritanopia

3.2978, 4.7241, 6.8689

Trichromacy



Original Color

11.1302, 4.4788, 57.4046

Protanomaly

6.6010, 3.7580, 30.9493

Deuteranomaly

5.7505, 3.5776, 25.9786

Tritanomaly

4.3660, 3.1961, 18.1561

Monochromacy



Original Color

11.1302, 4.4788, 57.4046

Achromatopsia

1.1037, 1.1612, 1.2646

Achromatomaly

2.5248, 1.3995, 10.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1302, 4.4788, 57.4046 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(17, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(17, 0, 204)  
}
```

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(17, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 11.1302, 4.4788, 57.4046 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(17, 0, 204) }
```


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

```
.border{ border-color:rgb(17, 0, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 0, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(17, 0, 204)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1302, 4.4788, 57.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 0, 204) }
```

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

```
.background{ background-color: rgb(17, 0,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor