

Converting Colors

XYZ(11.0264, 4.6143, 57.4362)

Have a look what the booklet for
XYZ(11.0264, 4.6143, 57.4362)
contains.

XYZ(11.0306, 4.6226, 57.4376)	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(11.0306, 4.6226,
57.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	000CCC
RGB	0, 12, 204
RGB Percent	0%, 5%, 80%
CMY	0.9998, 0.9530, 0.2000
CMYK	1.00, 0.94, 0.00, 0.20
HSL	236°, 100%, 40%
HSV	236°, 100%, 80%
XYZ	11.0306, 4.6226, 57.4376
YIQ	30.3000, -68.7840, 57.1680

Conversions

Conversions Part 2

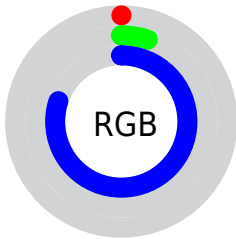
Format	Color
RYB	0, 11, 204
Decimal	3276
CIELab	25.63, 64.44, -89.82
CIELCh	26, 110.548, 305.657
Yxy	4.6226, 0.1509, 0.0632
Android (android.graphics.Color)	4278193356 (0xFF000CCC)
YUV	30.3000, 85.6341, -26.5731
Hunter-Lab	21.5002, 53.9532, -143.3423

Details

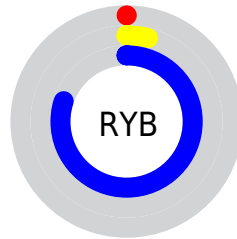
The XYZ color **11.0306, 4.6226, 57.4376** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **43.7659, 50.5649, 7.4547**, and the grayscale version is **1.2024, 1.2651, 1.3777**.

A 20% lighter version of the original color is **26.1220, 14.5404, 96.0375**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **11.0299, 4.6211, 57.4376**, and if you desaturate by 10%, it is **11.6919, 5.5032, 57.5729**.

Distribution



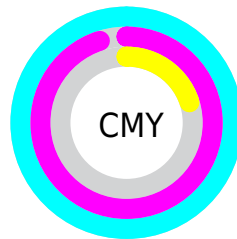
- Red (0%)
- Green (5%)
- Blue (80%)



- Red (0%)
- Yellow (4%)
- Blue (80%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (95%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0306, 4.6226, 57.4376 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 11.0306, 4.6226, 57.4376 by changing the saturation by 10% instead.

■ 11.0306, 4.6226,
57.4376

■ 11.0306, 4.6226,
57.4376

191.7813,
146.1180, 432.6266

■ 6.1549, 2.0276,
40.9450

■ 27.3492, 14.9979,
102.6101

■ 2.9810, 0.6234,
27.9567

■ 39.5228, 23.5470,
132.1270

■ 1.1437, 0.0000,
18.0543

■ 54.8596, 34.8495,
166.8225

■ 0.0612, 0.0000,
10.8191

■ 73.7252, 49.2899,
207.1150

■ 0.0000, 0.0000,
5.8327

■ 96.4848, 67.2525,
253.4232


■ 0.0000, 0.0000,
2.6765


■ 123.5038, 89.1218,


■ 0.0000, 0.0000,

306.1655


0.9316


 155.1475,
115.2822, 365.7604

 0.0000, 0.0000,
0.0000

 11.0306, 4.6226,
57.4376


 11.0306, 4.6226,
57.4376


 11.0299, 4.6211,
57.4376

 11.6919, 5.5032,
57.5729

 12.9653, 7.1434,
57.8224

 15.0045, 9.6907,
58.2066

 17.9051, 13.2511,
58.7410

 21.7486, 17.9160,
59.4388

■ 26.6072, 23.7665,
60.3120

■ 32.5460, 30.8762,
61.3713

■ 39.6246, 39.3126,
62.6266

■ 47.8983, 49.1383,
64.0871

Harmonies

Analogous

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



5.2437, 4.6226, 81.7642



11.0306, 4.6226, 57.4376



16.7214, 4.6226, 21.9920

Triad

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



11.0306, 4.6226, 57.4376



8.6626, 4.6226, 0.0000



0.0115, 4.6226, 7.6914

Complementary

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



11.0306, 4.6226, 57.4376



43.7659, 50.5649, 7.4547

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.



0.2383, 4.6226, 0.0000



11.0306, 4.6226, 57.4376



3.6408, 4.6226, 0.0000

Square

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



11.0306, 4.6226, 57.4376



14.8450, 4.6226, 0.0000



1.1565, 4.6226, 0.0000



0.5043, 4.6226, 34.4033

Rectangle

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



11.0306, 4.6226, 57.4376



18.4827, 4.6226, 7.0075



1.1565, 4.6226, 0.0000



0.0061, 4.6226, 3.4697

Sweetspot

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



11.0311, 4.6226, 57.4378



53.4538, 50.6018, 101.5575



30.9320, 46.9216, 56.3733



10.5010, 9.7065, 21.5700



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.



11.0311, 4.6226, 57.4378



18.2198, 7.5595, 95.1066



14.9648, 6.4564, 57.5844



10.6536, 10.9476, 14.1220



6.9653, 2.9546, 36.1595



0.3782, 0.1902, 1.8717

Inverse Universe

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



24.9687, 12.8650, 1.5146



41.3257, 21.2943, 2.3812



28.7455, 46.8731, 7.5338



11.2385, 11.2241, 11.7906



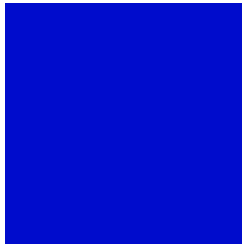
15.7267, 8.1013, 1.0134



0.8208, 0.4217, 0.1024

Previews

White Background



This preview shows how the XYZ color 11.0306, 4.6226, 57.4376 looks on a white background.

Color Contrast Check

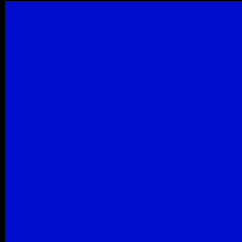
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0306, 4.6226, 57.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

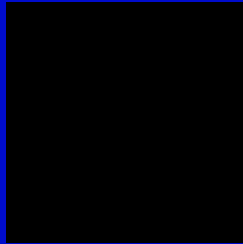
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0306, 4.6226, 57.4376

Background



This preview shows how black text looks on a background with the XYZ color 11.0306, 4.6226, 57.4376.



This preview shows how white text looks on a background with the XYZ color 11.0306, 4.6226,

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

11.0306, 4.6226, 57.4376

Protanopia

5.3818, 4.7381, 20.3696

Deuteranopia

4.4872, 4.7283, 14.5861



Tritanopia

3.2978, 4.7241, 6.8689

Trichromacy



Original Color

11.0306, 4.6226, 57.4376

Protanomaly

6.6966, 4.0608, 31.0027

Deuteranomaly

5.8209, 3.8298, 26.0236

Tritanomaly

4.4471, 3.4700, 18.2047

Monochromacy



Original Color

11.0306, 4.6226, 57.4376

Achromatopsia

1.2340, 1.2983, 1.4139

Achromatomaly

2.5507, 1.5416, 10.5190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0306, 4.6226, 57.4376 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(0, 12, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 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(0, 12, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 204) }
```

Border

The CSS property to change the border of an element to XYZ 11.0306, 4.6226, 57.4376 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(0, 12, 204) }
```


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

```
.border{ border-color:rgb(0, 12, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 12, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 204)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0306, 4.6226, 57.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 204) }
```

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

```
.background{ background-color: rgb(0, 12,  
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