

Converting Colors

XYZ(11.2873, 4.5598, 57.4120)

Have a look what the booklet for
XYZ(11.2873, 4.5598, 57.4120)
contains.

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Color

**XYZ(11.3000, 4.5663,
57.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	1900CC
RGB	25, 0, 204
RGB Percent	10%, 0%, 80%
CMY	0.9019, 1.0000, 0.2000
CMYK	0.88, 1.00, 0.00, 0.20
HSL	247°, 100%, 40%
HSV	247°, 100%, 80%
XYZ	11.3000, 4.5663, 57.4126
YIQ	30.7310, -50.5840, 68.7440

Conversions

Conversions Part 2

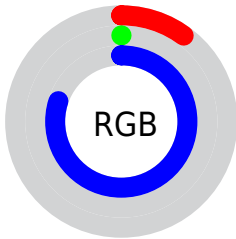
Format	Color
RYB	25, 0, 204
Decimal	1638604
CIELab	25.46, 67.14, -90.09
CIELCh	25, 112.360, 306.697
Yxy	4.5663, 0.1542, 0.0623
Android (android.graphics.Color)	4279828684 (0xFF1900CC)
YUV	30.7310, 85.4216, -5.0261
Hunter-Lab	21.3689, 56.9963, -144.3383

Details

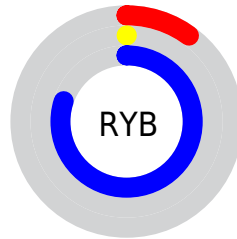
The XYZ color **11.3000, 4.5663, 57.4126** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **40.1780, 52.7668, 8.0674**, and the grayscale version is **1.2305, 1.2946, 1.4098**.

A 20% lighter version of the original color is **26.5655, 14.3315, 95.9738**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **11.3006, 4.5666, 57.4128**, and if you desaturate by 10%, it is **12.1494, 5.3861, 57.5263**.

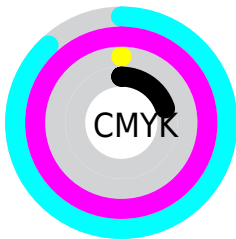
Distribution



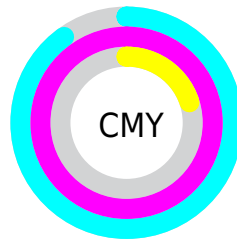
- Red (10%)
- Green (0%)
- Blue (80%)



- Red (10%)
- Yellow (0%)
- Blue (80%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3000, 4.5663, 57.4126 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 11.3000, 4.5663, 57.4126 by changing the saturation by 10% instead.

■ 11.3000, 4.5663,
57.4126

■ 11.3000, 4.5663,
57.4126

193.5804,
145.5536, 432.5305

■ 6.3378, 1.9951,
40.9250

■ 27.8417, 14.8743,
102.5733

■ 3.0941, 0.6046,
27.9412

■ 40.1518, 23.3800,
132.0835

■ 1.2037, 0.0000,
18.0427

■ 55.6420, 34.6326,
166.7716

■ 0.1093, 0.0000,
10.8109

■ 74.6775, 49.0165,
207.0563

■ 0.0000, 0.0000,
5.8273

■ 97.6237, 66.9162,
253.3559


■ 0.0000, 0.0000,
2.6732

■ 124.8461, 88.7160,

■ 0.0000, 0.0000,

306.0892

0.9299

 156.7098,
114.8003, 365.6745

 0.0000, 0.0000,
0.0000

 11.3000, 4.5663,
57.4126


 11.3000, 4.5663,
57.4126


 11.3006, 4.5666,
57.4128

 12.1494, 5.3861,
57.5263

 13.5985, 6.9181,
57.7456

 15.7795, 9.3687,
58.1037

 18.7751, 12.8544,
58.6186

 22.6568, 17.4743,
59.3057

■ 27.4878, 23.3158,
60.1786

■ 33.3260, 30.4579,
61.2495

■ 40.2241, 38.9726,
62.5294

■ 48.2314, 48.9268,
64.0287

Harmonies

Analogous

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



5.3664, 4.5663, 83.5186



11.3000, 4.5663, 57.4126



17.0352, 4.5663, 21.2087

Triad

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



11.3000, 4.5663, 57.4126



8.4508, 4.5663, 0.0000



0.0000, 4.5663, 8.2375

Complementary

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



11.3000, 4.5663, 57.4126



40.1780, 52.7668, 8.0674

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.



0.1600, 4.5663, 0.0000



11.3000, 4.5663, 57.4126



3.4538, 4.5663, 0.0000

Square

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



11.3000, 4.5663, 57.4126



14.7687, 4.5663, 0.0000



1.0560, 4.5663, 0.0000



0.4799, 4.5663, 36.2605

Rectangle

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



11.3000, 4.5663, 57.4126



18.7155, 4.5663, 6.4489



1.0560, 4.5663, 0.0000



0.0000, 4.5663, 3.7396

Sweetspot

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



11.3006, 4.5666, 57.4128



54.7805, 49.9368, 101.3593



27.2609, 37.0831, 62.8480



10.8027, 9.5572, 21.5253



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.



11.3006, 4.5666, 57.4128



18.6235, 7.5157, 95.0768



19.4739, 8.7801, 57.7953



10.7275, 10.9088, 14.1106



7.1553, 2.8962, 36.1382



0.4126, 0.1718, 1.8664

Inverse Universe

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



33.0363, 16.0912, 44.0002



54.6566, 26.6267, 72.5811



24.7513, 44.8141, 7.3455



11.6260, 11.3791, 13.8311



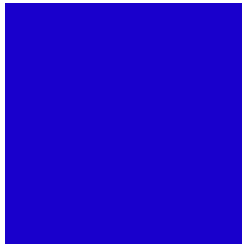
20.8167, 10.1373, 27.8170



1.0910, 0.5298, 1.5249

Previews

White Background



This preview shows how the XYZ color 11.3000, 4.5663, 57.4126 looks on a white background.

Color Contrast Check

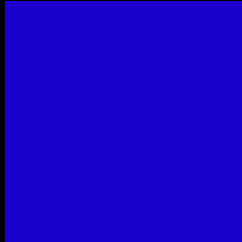
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3000, 4.5663, 57.4126 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 11.3000, 4.5663, 57.4126

Background



This preview shows how black text looks on a background with the XYZ color 11.3000, 4.5663, 57.4126.



This preview shows how white text looks on a background with the XYZ color 11.3000, 4.5663,

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

11.3000, 4.5663, 57.4126

Protanopia

5.4466, 4.7640, 20.7112

Deuteranopia

4.5441, 4.8421, 14.6050



Tritanopia

3.3928, 4.8614, 7.0628

Trichromacy



Original Color

11.3000, 4.5663, 57.4126

Protanomaly

6.7222, 3.8109, 31.3916

Deuteranomaly

5.7881, 3.5969, 25.9804

Tritanomaly

4.5022, 3.3153, 18.4918

Monochromacy



Original Color

11.3000, 4.5663, 57.4126

Achromatopsia

1.3024, 1.3702, 1.4922

Achromatomaly

2.7772, 1.5697, 10.7463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3000, 4.5663, 57.4126 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(25, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(25, 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(25, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 11.3000, 4.5663, 57.4126 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(25, 0, 204) }
```


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

```
.border{ border-color:rgb(25, 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(25, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(25, 0, 204)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3000, 4.5663, 57.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 0, 204) }
```

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

```
.background{ background-color: rgb(25, 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](#).

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