

Converting Colors

XYZ(11.6224, 4.7325, 57.4276)

Have a look what the booklet for
XYZ(11.6224, 4.7325, 57.4276)
contains.

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Color

**XYZ(11.6266, 4.7347,
57.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	2400CC
RGB	36, 0, 204
RGB Percent	14%, 0%, 80%
CMY	0.8588, 1.0000, 0.2000
CMYK	0.82, 1.00, 0.00, 0.20
HSL	251°, 100%, 40%
HSV	251°, 100%, 80%
XYZ	11.6266, 4.7347, 57.4278
YIQ	34.0200, -44.0280, 71.0760

Conversions

Conversions Part 2

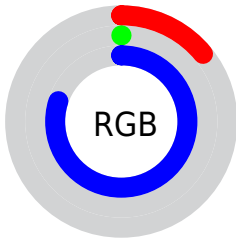
Format	Color
R _Y B	36, 0, 204
Decimal	2359500
CIE Lab	25.97, 67.32, -89.24
CIE LCh	26, 111.782, 307.030
Yxy	4.7347, 0.1576, 0.0642
Android (android.graphics.Color)	4280549580 (0xFF2400CC)
YUV	34.0200, 83.8001, 1.7365
Hunter-Lab	21.7594, 57.2983, -141.2479

Details

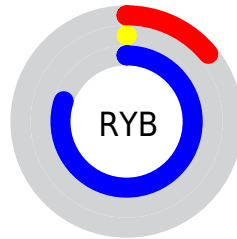
The XYZ color **11.6266, 4.7347, 57.4278** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **37.7382, 51.5091, 7.9532**, and the grayscale version is **1.4637, 1.5399, 1.6770**.

A 20% lighter version of the original color is **27.1428, 14.7136, 96.0172**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **11.6272, 4.7350, 57.4280**, and if you desaturate by 10%, it is **12.6148, 5.6260, 57.5480**.

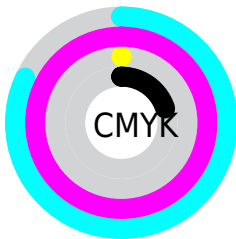
Distribution



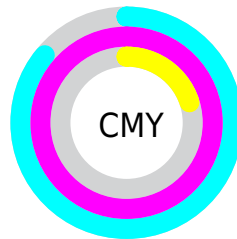
- Red (14%)
- Green (0%)
- Blue (80%)



- Red (14%)
- Yellow (0%)
- Blue (80%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6266, 4.7347, 57.4278 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 11.6266, 4.7347, 57.4278 by changing the saturation by 10% instead.

■ 11.6266, 4.7347,
57.4278

■ 11.6266, 4.7347,
57.4278

195.7382,
147.2325, 432.5890

■ 6.5603, 2.0925,
40.9372

■ 28.4360, 15.2429,
102.5957

■ 3.2326, 0.6604,
27.9507

■ 40.9098, 23.8777,
132.1100

■ 1.2779, 0.0000,
18.0497

■ 56.5835, 35.2788,
166.8026

■ 0.1666, 0.0000,
10.8159

■ 75.8225, 49.8306,
207.0920

■ 0.0000, 0.0000,
5.8306

■ 98.9921, 67.9174,
253.3968

■ 0.0000, 0.0000,
2.6752

■ 126.4577, 89.9238,

■ 0.0000, 0.0000,

306.1356

0.9309

 158.5846,
116.2340, 365.7268


 0.0000, 0.0000,
0.0000


 11.6266, 4.7347,
57.4278

 11.6266, 4.7347,
57.4278


 11.6272, 4.7350,
57.4280

 12.6148, 5.6260,
57.5480

 14.1831, 7.2194,
57.7729

 16.4542, 9.7165,
58.1351

 19.5039, 13.2300,
58.6526

 23.3973, 17.8560,
59.3403

■ 28.1927, 23.6792,
60.2115

■ 33.9429, 30.7759,
61.2783

■ 40.6968, 39.2162,
62.5514

■ 48.4996, 49.0650,
64.0412

Harmonies

Analogous

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



5.6005, 4.7347, 83.8153



11.6266, 4.7347, 57.4278



17.3812, 4.7347, 21.2311

Triad

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



11.6266, 4.7347, 57.4278



8.6043, 4.7347, 0.0000



0.0239, 4.7347, 8.6676

Complementary

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



11.6266, 4.7347, 57.4278



37.7382, 51.5091, 7.9532

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.



0.2197, 4.7347, 0.0801



11.6266, 4.7347, 57.4278



3.5543, 4.7347, 0.0000

Square

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



11.6266, 4.7347, 57.4278



14.9867, 4.7347, 0.0000



1.1137, 4.7347, 0.0000



0.5537, 4.7347, 37.0858

Rectangle

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



11.6266, 4.7347, 57.4278



19.0317, 4.7347, 6.4949



1.1137, 4.7347, 0.0000



0.0070, 4.7347, 4.0139

Sweetspot

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



11.6272, 4.7350, 57.4280



55.8097, 50.4673, 101.4074



25.2739, 33.1092, 62.1855



11.0383, 9.6786, 21.5363



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.



11.6272, 4.7350, 57.4280



19.1330, 7.7783, 95.1007



21.0525, 9.5939, 57.8691



10.7834, 10.9376, 14.1132



7.3742, 3.0091, 36.1484



0.4384, 0.1851, 1.8676

Inverse Universe

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



31.9684, 15.6640, 38.3770



52.8705, 25.9122, 63.1754



23.9768, 44.4148, 7.3092



11.5992, 11.3684, 13.6902



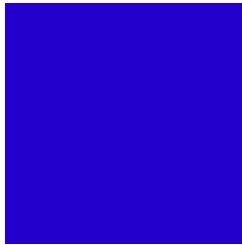
20.1522, 9.8715, 24.3179



1.0625, 0.5184, 1.3750

Previews

White Background



This preview shows how the XYZ color 11.6266, 4.7347, 57.4278 looks on a white background.

Color Contrast Check

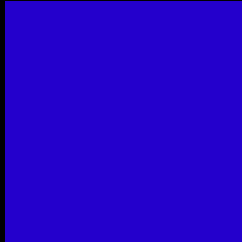
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6266, 4.7347, 57.4278 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 11.6266, 4.7347, 57.4278

Background



This preview shows how black text looks on a background with the XYZ color 11.6266, 4.7347, 57.4278.



This preview shows how white text looks on a background with the XYZ color 11.6266, 4.7347,

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

11.6266, 4.7347, 57.4278

Protanopia

5.6312, 4.9225, 21.4222

Deuteranopia

4.7085, 5.0006, 15.1850

Trichromacy



Original Color

11.6266, 4.7347, 57.4278

Protanomaly

6.8922, 3.9369, 31.8491

Deuteranomaly

6.0280, 3.7551, 26.7927

Monochromacy



Original Color

11.6266, 4.7347, 57.4278

Achromatopsia

1.5204, 1.5996, 1.7420

Achromatomaly

3.0914, 1.7757, 11.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6266, 4.7347, 57.4278 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(36, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(36, 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(36, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 11.6266, 4.7347, 57.4278 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(36, 0, 204) }
```

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

```
.border{ border-color:rgb(36, 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(36, 0, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(36, 0, 204)  
}
```


Background

The CSS property to change the background color of an element to XYZ 11.6266, 4.7347, 57.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 204) }
```

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

```
.background{ background-color: rgb(36, 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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