

Converting Colors

XYZ(11.4011, 4.5871, 59.9554)

Have a look what the booklet for
XYZ(11.4011, 4.5871, 59.9554)
contains.

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Color

**XYZ(11.4069, 4.5975,
59.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	0002D0
RGB	0, 2, 208
RGB Percent	0%, 1%, 82%
CMY	0.9998, 0.9922, 0.1843
CMYK	1.00, 0.99, 0.00, 0.18
HSL	239°, 100%, 41%
HSV	239°, 100%, 82%
XYZ	11.4069, 4.5975, 59.9607
YIQ	24.8860, -67.3180, 63.6420

Conversions

Conversions Part 2

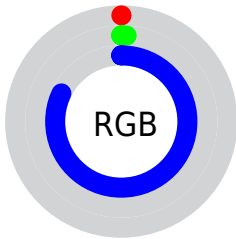
Format	Color
RYB	0, 2, 208
Decimal	720
CIELab	25.56, 67.51, -92.28
CIELCh	26, 114.342, 306.187
Yxy	4.5975, 0.1502, 0.0605
Android (android.graphics.Color)	4278190800 (0xFF0002D0)
YUV	24.8860, 90.2752, -21.8250
Hunter-Lab	21.4418, 57.4378, -150.7918

Details

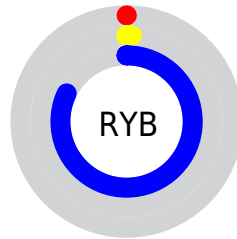
The XYZ color **11.4069, 4.5975, 59.9607** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **48.1001, 57.5847, 8.5813**, and the grayscale version is **0.8718, 0.9172, 0.9988**.

A 20% lighter version of the original color is **26.1246, 14.1887, 95.9695**, and **5.6675, 2.2670, 29.8446** is the 20% darker color. If you saturate the color by 10%, you get **11.4062, 4.5961, 59.9607**, and if you desaturate by 10%, it is **11.9896, 5.3085, 60.0674**.

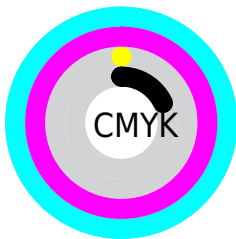
Distribution



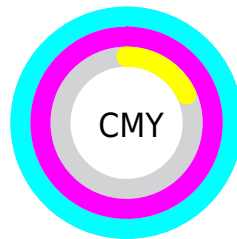
- Red (0%)
- Green (1%)
- Blue (82%)



- Red (0%)
- Yellow (1%)
- Blue (82%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4069, 4.5975, 59.9607 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 11.4069, 4.5975, 59.9607 by changing the saturation by 10% instead.

■ 11.4069, 4.5975,
59.9607

■ 11.4069, 4.5975,
59.9607

194.2894,
145.8667, 442.2535

■ 6.4105, 2.0131,
42.9619

■ 28.0365, 14.9429,
106.3155

■ 3.1393, 0.6151,
29.5240

■ 40.4005, 23.4726,
136.5085

■ 1.2278, 0.0000,
19.2286

■ 55.9510, 34.7529,
171.9367

■ 0.1282, 0.0000,
11.6571

■ 75.0534, 49.1682,
213.0185

■ 0.0000, 0.0000,
6.3909

■ 98.0731, 67.1028,
260.1726


■ 0.0000, 0.0000,
3.0116

■ 125.3754, 88.9412,


■ 0.0000, 0.0000,

313.8174


1.1006

 157.3258,
115.0677, 374.3715


 0.0000, 0.0000,
0.0000

 11.4069, 4.5975,
59.9607


 11.4069, 4.5975,
59.9607


 11.4062, 4.5961,
59.9607

 11.9896, 5.3085,
60.0674

 13.1969, 6.7811,
60.2880

 15.2225, 9.2375,
60.6554

 18.1769, 12.8090,
61.1891

 22.1532, 17.6067,
61.9056

■ 27.2336, 23.7284,
62.8194

■ 33.4916, 31.2618,
63.9437

■ 40.9945, 40.2874,
65.2903

■ 49.8045, 50.8795,
66.8705

Harmonies

Analogous

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



5.3352, 4.5975, 86.6294



11.4069, 4.5975, 59.9607



17.3674, 4.5975, 22.2565

Triad

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



11.4069, 4.5975, 59.9607



8.6942, 4.5975, 0.0000



0.0000, 4.5975, 8.0587

Complementary

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



11.4069, 4.5975, 59.9607



48.1001, 57.5847, 8.5813

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.



0.1354, 4.5975, 0.0000



11.4069, 4.5975, 59.9607



3.5285, 4.5975, 0.0000

Square

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



11.4069, 4.5975, 59.9607



15.2013, 4.5975, 0.0000



1.0571, 4.5975, 0.0000



0.4362, 4.5975, 36.6773

Rectangle

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



11.4069, 4.5975, 59.9607



19.1673, 4.5975, 6.7747



1.0571, 4.5975, 0.0000



0.0000, 4.5975, 3.5753

Sweetspot

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



11.4074, 4.5975, 59.9609



52.6875, 49.0692, 101.3021



33.5199, 49.4976, 65.2507



10.3277, 9.3600, 21.5123



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.



11.4074, 4.5975, 59.9609



18.0757, 7.2715, 95.0586



16.7034, 7.2965, 60.2027



11.1724, 11.4350, 14.8620



7.1129, 2.8723, 37.3720



0.4009, 0.1669, 2.0907

Inverse Universe

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



26.0239, 13.4154, 1.2748



41.2530, 21.2652, 1.9984



28.6788, 48.2683, 7.8066



11.8132, 11.8100, 12.2919



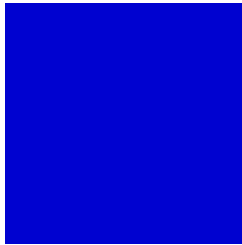
16.2210, 8.3612, 0.8039



0.9086, 0.4681, 0.0534

Previews

White Background



This preview shows how the XYZ color 11.4069, 4.5975, 59.9607 looks on a white background.

Color Contrast Check

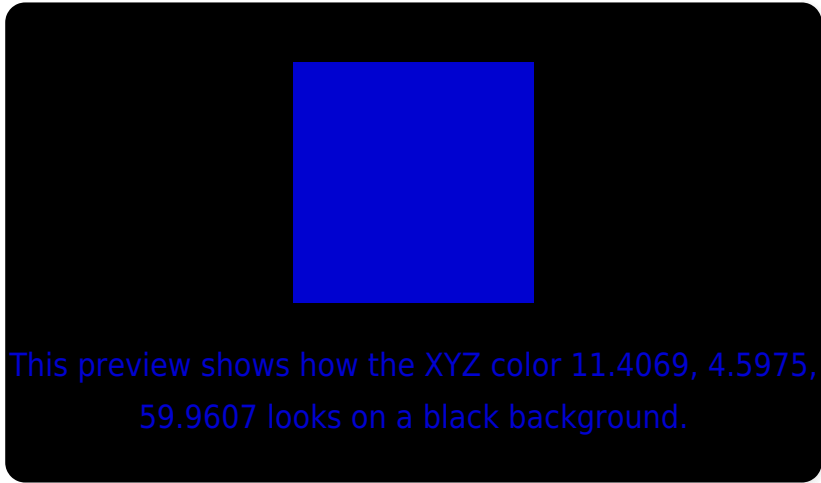
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

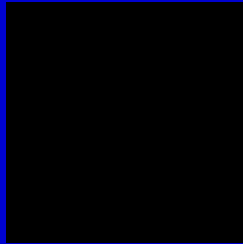
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4069, 4.5975, 59.9607

Background



This preview shows how black text looks on a background with the XYZ color 11.4069, 4.5975, 59.9607.



This preview shows how white text looks on a background with the XYZ color 11.4069, 4.5975,

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

11.4069, 4.5975, 59.9607

Protanopia

5.4995, 4.8698, 20.7288

Deuteranopia

4.5971, 4.8633, 14.8838



Tritanopia

3.3928, 4.8614, 7.0628

Trichromacy



Original Color

11.4069, 4.5975, 59.9607

Protanomaly

6.7595, 3.9179, 31.8524

Deuteranomaly

5.8620, 3.6695, 26.7849

Tritanomaly

4.4512, 3.2819, 18.8112

Monochromacy



Original Color

11.4069, 4.5975, 59.9607

Achromatopsia

0.9240, 0.9721, 1.0586

Achromatomaly

2.3459, 1.2838, 10.2494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4069, 4.5975, 59.9607 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, 2, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 2, 208)  
}
```

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, 2, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 2, 208) }
```

Border

The CSS property to change the border of an element to XYZ 11.4069, 4.5975, 59.9607 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, 2, 208) }
```


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

```
.border{ border-color:rgb(0, 2, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 2, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 2, 208); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 2, 208); box-shadow:4px  
4px 4px 4px rgb(0, 2, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4069, 4.5975, 59.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 2, 208) }
```

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

```
.background{ background-color: rgb(0, 2,  
208) }
```

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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