

Converting Colors

XYZ(11.2874, 5.6218, 56.0265)

Have a look what the booklet for
XYZ(11.2874, 5.6218, 56.0265)
contains.

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Color

**XYZ(11.2357, 5.6033,
55.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	0026C9
RGB	0, 38, 201
RGB Percent	0%, 15%, 79%
CMY	0.9998, 0.8510, 0.2118
CMYK	1.00, 0.81, 0.00, 0.21
HSL	229°, 100%, 39%
HSV	229°, 100%, 79%
XYZ	11.2357, 5.6033, 55.7477
YIQ	45.2200, -74.9710, 42.6370

Conversions

Conversions Part 2

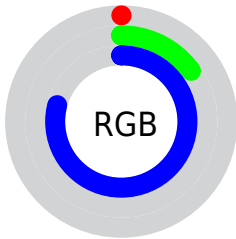
Format	Color
R _{YB}	0, 32, 201
Decimal	9929
CIE Lab	28.39, 54.06, -83.47
CIE LCh	28, 99.445, 302.930
Yxy	5.6033, 0.1548, 0.0772
Android (android.graphics.Color)	4278200009 (0xFF0026C9)
YUV	45.2200, 76.7995, -39.6579
Hunter-Lab	23.6713, 43.3012, -123.0626

Details

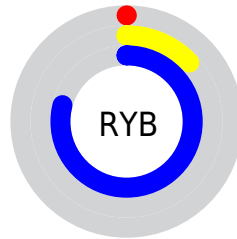
The XYZ color **11.2357, 5.6033, 55.7477** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **37.1927, 38.6276, 5.4968**, and the grayscale version is **2.4478, 2.5753, 2.8045**.

A 20% lighter version of the original color is **26.9713, 16.7591, 96.4210**, and **5.1108, 2.0443, 26.9133** is the 20% darker color. If you saturate the color by 10%, you get **11.2346, 5.6010, 55.7475**, and if you desaturate by 10%, it is **12.1672, 7.0336, 55.9749**.

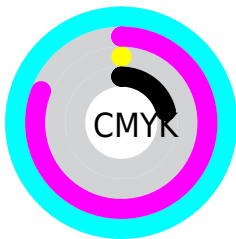
Distribution



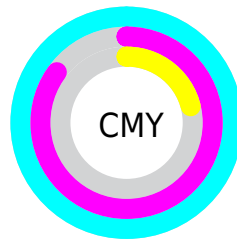
- Red (0%)
- Green (15%)
- Blue (79%)



- Red (0%)
- Yellow (13%)
- Blue (79%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (85%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2357, 5.6033, 55.7477 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 11.2357, 5.6033, 55.7477 by changing the saturation by 10% instead.

■ 11.2357, 5.6033,
55.7477

■ 11.2357, 5.6033,
55.7477

193.1526,
155.4943, 426.1016

■ 6.2941, 2.6054,
39.5980

■ 27.7243, 17.1023,
100.1177

■ 3.0671, 0.9294,
26.9139

■ 40.0020, 26.3723,
129.1751

■ 1.1893, 0.0000,
17.2767

■ 55.4557, 38.5016,
163.3722

■ 0.0979, 0.0000,
10.2679

■ 74.4508, 53.8749,
203.1275

■ 0.0000, 0.0000,
5.4690

■ 97.3527, 72.8764,
248.8595

■ 0.0000, 0.0000,
2.4615

■ 124.5268, 95.8905,

■ 0.0000, 0.0000,

300.9869

0.8196

156.3383,
123.3017, 359.9280

0.0000, 0.0000,
0.0000

11.2357, 5.6033,
55.7477

11.2357, 5.6033,
55.7477

11.2346, 5.6010,
55.7475

12.1672, 7.0336,
55.9749

13.6552, 9.1292,
56.3010

15.8275, 11.9898,
56.7386

18.7595, 15.6843,
57.2972

22.5164, 20.2738,
57.9851

■ 27.1561, 25.8132,
58.8097

■ 32.7311, 32.3531,
59.7782

■ 39.2898, 39.9402,
60.8970

■ 46.8771, 48.6183,
62.1721

Harmonies

Analogous

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



5.7616, 5.6033, 74.0072



11.2357, 5.6033, 55.7477



16.6706, 5.6033, 24.5854

Triad

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



11.2357, 5.6033, 55.7477



10.0692, 5.6033, 0.0000



0.5627, 5.6033, 7.3993

Complementary

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



11.2357, 5.6033, 55.7477



37.1927, 38.6276, 5.4968

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.



0.8255, 5.6033, 0.2580



11.2357, 5.6033, 55.7477



4.9125, 5.6033, 0.0000

Square

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



11.2357, 5.6033, 55.7477



15.7786, 5.6033, 0.0000



1.9668, 5.6033, 0.0000



0.9542, 5.6033, 30.3122

Rectangle

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



11.2357, 5.6033, 55.7477



18.5485, 5.6033, 9.5214



1.9668, 5.6033, 0.0000



0.5780, 5.6033, 3.6170

Sweetspot

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



11.2362, 5.6033, 55.7479



55.5837, 54.8616, 102.2675



27.3034, 44.3402, 40.7491



10.9874, 10.6792, 21.7321



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.



11.2362, 5.6033, 55.7479



19.1136, 9.3473, 95.4045



12.4265, 5.1888, 55.6052



10.2161, 10.6063, 13.4263



7.1142, 3.6224, 35.0686



0.3871, 0.2719, 1.6772

Inverse Universe

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



24.4377, 12.5583, 2.9694



41.7769, 21.4748, 4.7572



31.8226, 47.4111, 7.4752



10.7144, 10.6691, 11.4791



15.3903, 7.9057, 1.9990



0.7541, 0.3845, 0.2281

Previews

White Background



This preview shows how the XYZ color 11.2357, 5.6033, 55.7477 looks on a white background.

Color Contrast Check

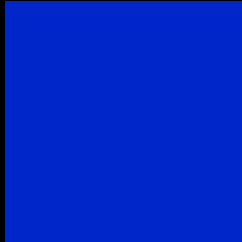
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2357, 5.6033, 55.7477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

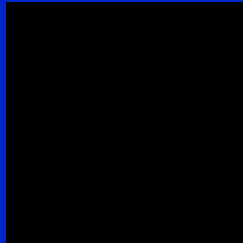
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2357, 5.6033, 55.7477

Background



This preview shows how black text looks on a background with the XYZ color 11.2357, 5.6033, 55.7477.



This preview shows how white text looks on a background with the XYZ color 11.2357, 5.6033,

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

11.2357, 5.6033, 55.7477

Protanopia

6.4057, 5.5867, 24.4076

Deuteranopia

5.2805, 5.5172, 17.3096



Tritanopia

3.8912, 5.5822, 8.0801

Trichromacy



Original Color

11.2357, 5.6033, 55.7477

Protanomaly

7.7114, 5.2704, 33.8686

Deuteranomaly

6.7795, 5.1327, 28.2372

Tritanomaly

5.2978, 4.8753, 19.4007

Monochromacy



Original Color

11.2357, 5.6033, 55.7477

Achromatopsia

2.4942, 2.6241, 2.8577

Achromatomaly

3.7329, 2.8764, 12.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2357, 5.6033, 55.7477 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, 38, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 201)  
}
```

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, 38, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 201) }
```

Border

The CSS property to change the border of an element to XYZ 11.2357, 5.6033, 55.7477 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, 38, 201) }
```


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

```
.border{ border-color:rgb(0, 38, 201) }
```

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

Here you see how a box with a 4 pixel rgb(0, 38, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 201)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2357, 5.6033, 55.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 201) }
```

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

```
.background{ background-color: rgb(0, 38,  
201) }
```

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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