

Converting Colors

XYZ(11.5610, 5.6387, 57.6066)

Have a look what the booklet for
XYZ(11.5610, 5.6387, 57.6066)
contains.

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Color

**XYZ(11.5550, 5.6343,
57.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	0224CC
RGB	2, 36, 204
RGB Percent	1%, 14%, 80%
CMY	0.9920, 0.8588, 0.2000
CMYK	0.99, 0.82, 0.00, 0.20
HSL	230°, 98%, 40%
HSV	230°, 99%, 80%
XYZ	11.5550, 5.6343, 57.6053
YIQ	44.9860, -74.1920, 45.0400

Conversions

Conversions Part 2

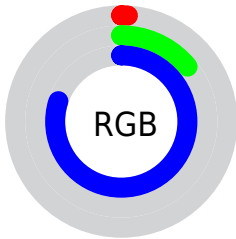
Format	Color
R _Y B	2, 31, 204
Decimal	140492
CIE Lab	28.47, 56.01, -85.08
CIE LCh	28, 101.865, 303.357
Yxy	5.6343, 0.1545, 0.0753
Android (android.graphics.Color)	4278330572 (0xFF0224CC)
YUV	44.9860, 78.3939, -37.6987
Hunter-Lab	23.7367, 45.3545, -127.2721

Details

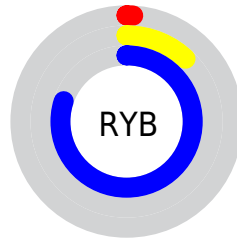
The XYZ color **11.5550, 5.6343, 57.6053** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **39.2974, 41.6103, 6.0191**, and the grayscale version is **2.4229, 2.5491, 2.7760**.

A 20% lighter version of the original color is **27.1242, 16.7203, 96.4055**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **11.4796, 5.5206, 57.5875**, and if you desaturate by 10%, it is **12.5115, 7.0784, 57.8339**.

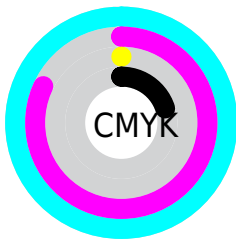
Distribution



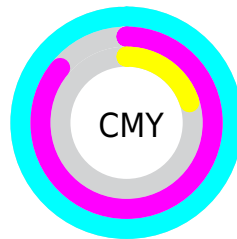
- Red (1%)
- Green (14%)
- Blue (80%)



- Red (1%)
- Yellow (12%)
- Blue (80%)



- Cyan (99%)
- Magenta (82%)
- Yellow (0%)
- Black (20%)



- Cyan (99%)
- Magenta (86%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5550, 5.6343, 57.6053 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 11.5550, 5.6343, 57.6053 by changing the saturation by 10% instead.

■ 11.5550, 5.6343,
57.6053

■ 11.5550, 5.6343,
57.6053

195.2673,
155.7781, 433.2707

■ 6.5115, 2.6240,
41.0788

■ 28.3059, 17.1675,
102.8570

■ 3.2021, 0.9388,
28.0605

■ 40.7441, 26.4593,
132.4192

■ 1.2615, 0.0000,
18.1318

■ 56.3777, 38.6136,
167.1638

■ 0.1541, 0.0000,
10.8743

■ 75.5724, 54.0149,
207.5093

■ 0.0000, 0.0000,
5.8692

■ 98.6933, 73.0476,
253.8741

■ 0.0000, 0.0000,
2.6982

■ 126.1058, 96.0961,


■ 0.0000, 0.0000,

306.6770

0.9425


 158.1754,
123.5448, 366.3363


 0.0000, 0.0000,
0.0000

 11.5550, 5.6343,
57.6053


 11.5550, 5.6343,
57.6053


 11.4796, 5.5206,
57.5875

 12.5115, 7.0784,
57.8339

 14.0751, 9.2423,
58.1691

 16.3655, 12.2259,
58.6243

 19.4617, 16.1042,
59.2097

 23.4324, 20.9434,
59.9345

■ 28.3385, 26.8032,
60.8069

■ 34.2354, 33.7382,
61.8347

■ 41.1744, 41.7994,
63.0250

■ 49.2027, 51.0342,
64.3843

Harmonies

Analogous

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



5.8708, 5.6343, 77.2302



11.5550, 5.6343, 57.6053



17.1850, 5.6343, 24.9296

Triad

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



11.5550, 5.6343, 57.6053



10.1687, 5.6343, 0.0000



0.5133, 5.6343, 7.6807

Complementary

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



11.5550, 5.6343, 57.6053



39.2974, 41.6103, 6.0191

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.



0.7731, 5.6343, 0.2382



11.5550, 5.6343, 57.6053



4.8707, 5.6343, 0.0000

Square

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



11.5550, 5.6343, 57.6053



16.1203, 5.6343, 0.0000



1.8989, 5.6343, 0.0000



0.9211, 5.6343, 31.7921

Rectangle

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



11.5550, 5.6343, 57.6053



19.0997, 5.6343, 9.4206



1.8989, 5.6343, 0.0000



0.5257, 5.6343, 3.7185

Sweetspot

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



11.5555, 5.6343, 57.6055



55.2345, 54.1631, 102.1511



28.5913, 45.9882, 43.9170



10.9072, 10.5188, 21.7054



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.



11.5555, 5.6343, 57.6055



18.9091, 8.9381, 95.3364



13.1680, 5.5622, 57.5066



10.7516, 11.1437, 14.1546



7.2720, 3.5681, 36.2617



0.4237, 0.2811, 1.8869

Inverse Universe

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



25.2425, 13.0092, 2.8493



41.6736, 21.4334, 4.2134



32.4275, 48.7700, 7.7632



11.2880, 11.2439, 12.0512



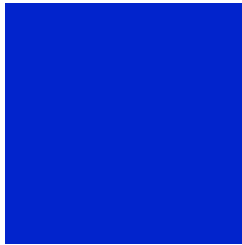
15.8815, 8.1632, 1.8287



0.8438, 0.4309, 0.2233

Previews

White Background



This preview shows how the XYZ color 11.5550, 5.6343, 57.6053 looks on a white background.

Color Contrast Check

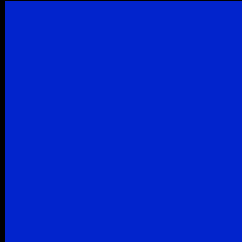
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5550, 5.6343, 57.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

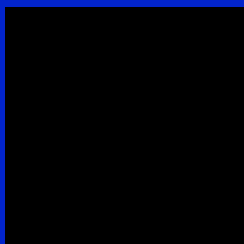
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5550, 5.6343, 57.6053

Background



This preview shows how black text looks on a background with the XYZ color 11.5550, 5.6343, 57.6053.



This preview shows how white text looks on a background with the XYZ color 11.5550, 5.6343,

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

11.5550, 5.6343, 57.6053

Protanopia

6.4057, 5.5867, 24.4076

Deuteranopia

5.3425, 5.6413, 17.3303



Tritanopia

3.8912, 5.5822, 8.0801

Trichromacy



Original Color

11.5550, 5.6343, 57.6053

Protanomaly

7.7647, 5.2180, 34.3161

Deuteranomaly

6.8709, 5.1707, 28.6529

Tritanomaly

5.3194, 4.7992, 19.7148

Monochromacy



Original Color

11.5550, 5.6343, 57.6053

Achromatopsia

2.4942, 2.6241, 2.8577

Achromatomaly

3.7828, 2.8964, 13.1916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5550, 5.6343, 57.6053 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(2, 36, 204)` looks like.

```
.text, #text, p{  
    color:rgb(2, 36, 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(2, 36, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 11.5550, 5.6343, 57.6053 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(2, 36, 204) }
```


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

```
.border{ border-color:rgb(2, 36, 204) }
```

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

Here you see how a box with a 4 pixel rgb(2, 36, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 36, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 36, 204);  
box-shadow:4px 4px 4px 4px rgb(2, 36, 204)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5550, 5.6343, 57.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 36, 204) }
```

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

```
.background{ background-color: rgb(2, 36,  
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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