

Converting Colors

XYZ(56.3369, 75.2993, 11.5650)

Have a look what the booklet for
XYZ(56.3369, 75.2993, 11.5650)
contains.

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Color

**XYZ(56.3369, 75.2993,
11.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF000
RGB	205, 240, 0
RGB Percent	80%, 94%, 0%
CMY	0.1961, 0.0588, 0.9999
CMYK	0.15, 0.00, 1.00, 0.06
HSL	69°, 100%, 47%
HSV	69°, 100%, 94%
XYZ	56.3369, 75.2993, 11.5650
YIQ	202.1750, 56.1800, -82.0600

Conversions

Conversions Part 2

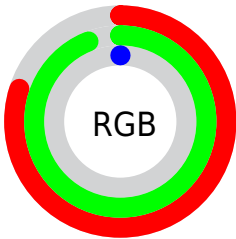
Format	Color
RYB	0, 240, 35
Decimal	13496320
CIELab	89.53, -34.88, 87.24
CIELCh	90, 93.951, 111.792
Yxy	75.2993, 0.3934, 0.5258
Android (android.graphics.Color)	4291686400 (0xFFCDF000)
YUV	202.1750, -99.6723, 2.4775
Hunter-Lab	86.7752, -35.9693, 52.8407

Details

The XYZ color **56.3369, 75.2993, 11.5650** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light saturated yellow. A complement of this color would be **16.4241, 6.6505, 82.8607**, and the grayscale version is **56.8314, 59.7910, 65.1124**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **28.9945, 40.3920, 6.2683** is the 20% darker color. If you saturate the color by 10%, you get **56.3369, 75.3019, 11.5654**, and if you desaturate by 10%, it is **57.4804, 75.8723, 12.4815**.

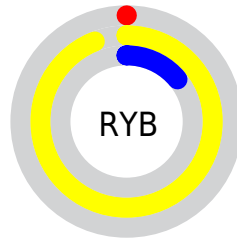
Distribution



Red (80%)

Green (94%)

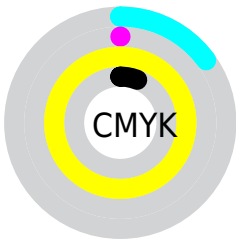
Blue (0%)



Red (0%)

Yellow (94%)

Blue (14%)

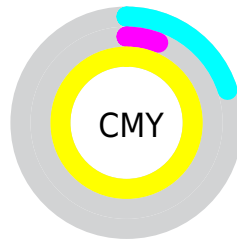


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3369, 75.2993, 11.5650 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 56.3369, 75.2993, 11.5650 by changing the saturation by 10% instead.

56.3369, 75.2993,
11.5650

56.3369, 75.2993,
11.5650

401.0144,
478.9457, 212.3785

40.7112, 55.8581,
6.3293

98.6339, 126.7359,
29.3528

28.2801, 40.0892,
2.9743

126.0360,
159.5002, 42.7419

18.6785, 27.6081,
1.0815

158.0941,
197.4743, 59.6860

11.5408, 18.0304,
0.0000

195.1738,
241.0426, 80.6034

6.5018, 10.9718,
0.0000

237.6403,
290.5894, 105.9129

3.1961, 6.0479,
0.0000

285.8590,

1.2583, 2.8742,

346.4993, 136.0329

0.0000

340.1952,
409.1566, 171.3819

■ 0.1517, 1.0664,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3369, 75.2993,
11.5650

■ 56.3369, 75.2993,
11.5650

■ 56.3369, 75.3019,
11.5654

■ 57.4804, 75.8723,
12.4815

■ 58.8479, 76.5346,
14.4715

■ 60.5050, 77.3153,
17.8719

■ 62.4895, 78.2296,
22.8820

■ 64.8336, 79.2902,
29.6693

■ 67.5650, 80.5083,
38.3803

■ 70.7088, 81.8940,
49.1461

■ 74.2880, 83.4564,
62.0865

■ 78.3236, 85.2040,
77.3121

Harmonies

Analogous

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



78.0893, 75.2993, 9.5835



56.3369, 75.2993, 11.5650



42.0734, 75.2993, 25.8515

Triad

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



56.3369, 75.2993, 11.5650



47.4958, 75.2993, 227.7492



125.0450, 75.2993, 101.4894

Complementary

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



56.3369, 75.2993, 11.5650



16.4241, 6.6505, 82.8607

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.



112.3764, 75.2993, 188.3000



56.3369, 75.2993, 11.5650



65.4235, 75.2993, 282.8745

Square

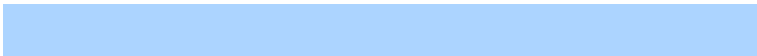
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3369, 75.2993, 11.5650



37.7851, 75.2993, 138.7518



89.3271, 75.2993, 265.4907



121.1480, 75.2993, 43.3000

Rectangle

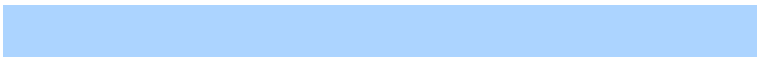
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3369, 75.2993, 11.5650



37.1688, 75.2993, 48.3623



89.3271, 75.2993, 265.4907



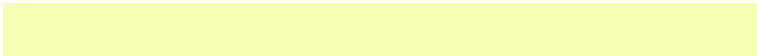
122.5004, 75.2993, 128.4194

Sweetspot

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



56.3386, 75.3027, 11.5666



81.0990, 93.9590, 56.2447



36.4548, 19.5612, 1.8554



17.0196, 19.9622, 10.8591



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.



56.3386, 75.3027, 11.5666



64.6138, 86.3947, 13.2703



35.1889, 64.3997, 10.5768



16.8831, 18.3354, 16.7990



30.9263, 41.2647, 6.3349



2.6340, 3.4644, 0.5299

Inverse Universe

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



16.4241, 6.6505, 82.8607



18.8201, 7.6170, 95.0860



28.6816, 12.9695, 83.4343



15.1118, 15.3393, 19.8859



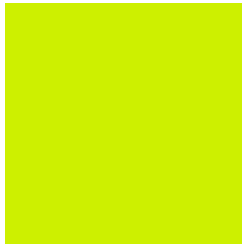
9.0561, 3.6740, 45.3597



0.8187, 0.3393, 3.7766

Previews

White Background



This preview shows how the XYZ color 56.3369, 75.2993, 11.5650 looks on a white 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

Black Background



This preview shows how the XYZ color 56.3369, 75.2993, 11.5650 looks on a black 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

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

XYZ 56.3369, 75.2993, 11.5650

Background



This preview shows how black text looks on a background with the XYZ color 56.3369, 75.2993, 11.5650.

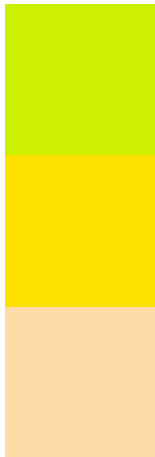


This preview shows how white text looks on a background with the XYZ color 56.3369, 75.2993,

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

56.3369, 75.2993, 11.5650

Protanopia

67.4332, 74.7331, 10.8708

Deuteranopia

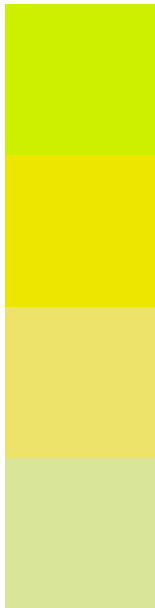
73.6394, 74.7502, 47.5928



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

56.3369, 75.2993, 11.5650

Protanomaly

62.8889, 74.4265, 11.0512

Deuteranomaly

65.0480, 74.0042, 24.7658

Tritanomaly

62.3844, 73.0902, 40.9568

Monochromacy



Original Color

56.3369, 75.2993, 11.5650

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.1469, 63.3932, 30.2039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3369, 75.2993, 11.5650 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(205, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 0)  
}
```

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(205, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 0) }
```

Border

The CSS property to change the border of an element to XYZ 56.3369, 75.2993, 11.5650 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(205, 240, 0) }
```


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

```
.border{ border-color:rgb(205, 240, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3369, 75.2993, 11.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 0) }
```

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

```
.background{ background-color: rgb(205,  
240, 0) }
```

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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