

Converting Colors

XYZ(55.6435, 73.4377, 7.8395)

Have a look what the booklet for
XYZ(55.6435, 73.4377, 7.8395)
contains.

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Color

**XYZ(56.2899, 73.5462,
11.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EC00
RGB	209, 236, 0
RGB Percent	82%, 93%, 0%
CMY	0.1804, 0.0745, 0.9999
CMYK	0.11, 0.00, 1.00, 0.07
HSL	67°, 100%, 46%
HSV	67°, 100%, 93%
XYZ	56.2899, 73.5462, 11.2290
YIQ	201.0230, 59.6640, -79.1200

Conversions

Conversions Part 2

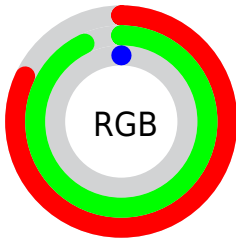
Format	Color
RYB	0, 236, 27
Decimal	13757440
CIELab	88.71, -31.44, 86.74
CIELCh	89, 92.261, 109.922
Yxy	73.5462, 0.3990, 0.5214
Android (android.graphics.Color)	4291947520 (0xFFD1EC00)
YUV	201.0230, -99.1043, 6.9958
Hunter-Lab	85.7591, -32.9159, 52.2681

Details

The XYZ color **56.2899, 73.5462, 11.2290** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **15.5946, 6.2907, 79.7537**, and the grayscale version is **56.1051, 59.0270, 64.2804**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **28.7157, 39.0321, 6.0205** is the 20% darker color. If you saturate the color by 10%, you get **56.2904, 73.5490, 11.2296**, and if you desaturate by 10%, it is **57.2232, 74.0113, 12.1139**.

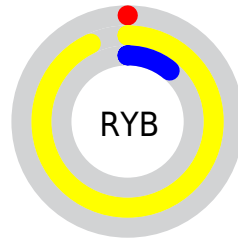
Distribution



Red (82%)

Green (93%)

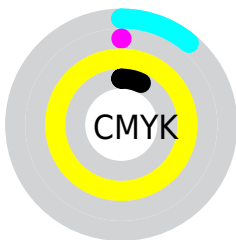
Blue (0%)



Red (0%)

Yellow (93%)

Blue (11%)

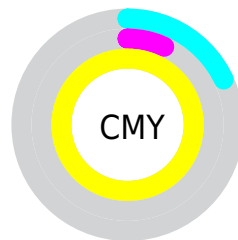


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (18%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2899, 73.5462, 11.2290 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 56.2899, 73.5462, 11.2290 by changing the saturation by 10% instead.


 56.2899, 73.5462,
11.2290

 56.2899, 73.5462,
11.2290


400.8404,
472.9057, 210.0255

 40.6733, 54.4227,
6.1050


 98.5657, 124.2523,
28.7260


 28.2504, 38.9397,
2.8392


 125.9556,
156.6037, 41.9360


 18.6560, 26.7128,
1.0131


 158.0006,
194.1332, 58.6784

 11.5245, 17.3577,
0.0000

 195.0661,
237.2251, 79.3717

 6.4906, 10.4898,
0.0000

 237.5175,
286.2640, 104.4346

 3.1891, 5.7249,
0.0000

 285.7202,

 1.2546, 2.6785,


341.6341, 134.2855


0.0000


340.0393,
403.7198, 169.3429


 0.1488, 0.9663,
0.0000


 0.0000, 0.0000,
0.0000


 56.2899, 73.5462,
11.2290

 56.2899, 73.5462,
11.2290

 56.2904, 73.5490,
11.2296

 57.2232, 74.0113,
12.1139

 58.3638, 74.5580,
14.0291

 59.7748, 75.2145,
17.3007

 61.4928, 75.9953,
22.1197

■ 63.5482, 76.9125,
28.6467

■ 65.9677, 77.9770,
37.0222

■ 68.7755, 79.1982,
47.3721

■ 71.9932, 80.5851,
59.8114

■ 75.6412, 82.1455,
74.4460

Harmonies

Analogous

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



77.6767, 73.5462, 9.8206



56.2899, 73.5462, 11.2290



41.9643, 73.5462, 24.1892

Triad

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



56.2899, 73.5462, 11.2290



45.7760, 73.5462, 215.5480



121.1767, 73.5462, 103.5422

Complementary

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



56.2899, 73.5462, 11.2290



15.5946, 6.2907, 79.7537

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.



108.1044, 73.5462, 187.9874



56.2899, 73.5462, 11.2290



62.6669, 73.5462, 271.9859

Square

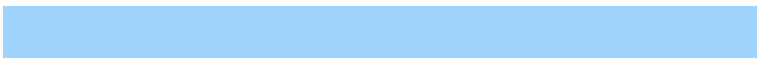
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.2899, 73.5462, 11.2290



36.8491, 73.5462, 129.6217



85.5520, 73.5462, 259.8502



118.4499, 73.5462, 45.1069

Rectangle

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



56.2899, 73.5462, 11.2290



36.8751, 73.5462, 44.8930



85.5520, 73.5462, 259.8502



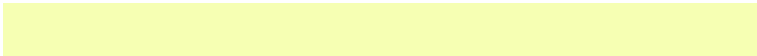
118.3932, 73.5462, 130.0553

Sweetspot

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



56.2916, 73.5496, 11.2305



81.9381, 94.3916, 56.2840



34.9133, 18.4721, 1.7263



17.2230, 20.0670, 10.8686



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.



56.2916, 73.5496, 11.2305



67.0662, 87.6590, 13.3851



34.6568, 62.3964, 10.2180



16.1723, 17.5344, 16.0508



31.0971, 40.5756, 6.1929



2.4901, 3.2110, 0.4885

Inverse Universe

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



15.5946, 6.2907, 79.7537



18.5619, 7.4839, 95.0740



26.2312, 11.7741, 80.2515



14.3913, 14.6315, 18.9879



8.6490, 3.4946, 43.9616



0.7320, 0.3017, 3.4545

Previews

White Background



This preview shows how the XYZ color 56.2899, 73.5462, 11.2290 looks on a white background.

Color Contrast Check

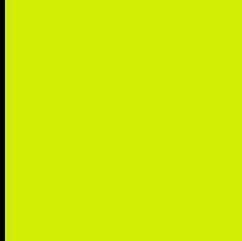
Large Text (above 18pt) WCAG AA × Fail

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 56.2899, 73.5462, 11.2290 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 56.2899, 73.5462, 11.2290

Background



This preview shows how black text looks on a background with the XYZ color 56.2899, 73.5462, 11.2290.



This preview shows how white text looks on a background with the XYZ color 56.2899, 73.5462,

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

56.2899, 73.5462, 11.2290

Protanopia

66.1713, 73.2846, 10.6577

Deuteranopia

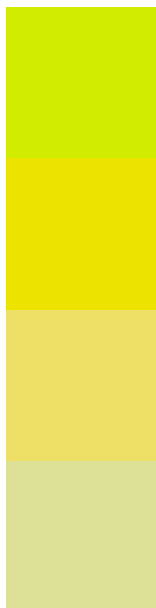
72.1410, 72.9098, 43.5285



Tritanopia

72.2961, 73.1084, 90.4217

Trichromacy



Original Color

56.2899, 73.5462, 11.2290

Protanomaly

62.3355, 73.3197, 10.8667

Deuteranomaly

64.0458, 71.9118, 23.0752

Tritanomaly

62.0263, 71.3004, 39.7714

Monochromacy



Original Color

56.2899, 73.5462, 11.2290

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

52.8447, 62.4890, 29.6984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2899, 73.5462, 11.2290 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(209, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 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(209, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 0) }
```

Border

The CSS property to change the border of an element to XYZ 56.2899, 73.5462, 11.2290 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(209, 236, 0) }
```


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

```
.border{ border-color:rgb(209, 236, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 236, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2899, 73.5462, 11.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 0) }
```

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

```
.background{ background-color: rgb(209,  
236, 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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