

Converting Colors

XYZ(56.0934, 73.5245, 7.5432)

Have a look what the booklet for
XYZ(56.0934, 73.5245, 7.5432)
contains.

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Color

**XYZ(56.8594, 73.8398,
11.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EC00
RGB	211, 236, 0
RGB Percent	83%, 93%, 0%
CMY	0.1726, 0.0745, 0.9999
CMYK	0.11, 0.00, 1.00, 0.07
HSL	66°, 100%, 46%
HSV	66°, 100%, 93%
XYZ	56.8594, 73.8398, 11.2557
YIQ	201.6210, 60.8560, -78.6960

Conversions

Conversions Part 2

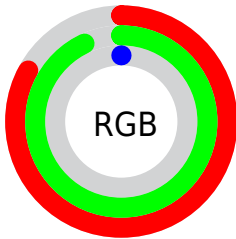
Format	Color
RYB	0, 236, 25
Decimal	13888512
CIELab	88.85, -30.63, 86.91
CIELCh	89, 92.144, 109.412
Yxy	73.8398, 0.4005, 0.5202
Android (android.graphics.Color)	4292078592 (0xFFD3EC00)
YUV	201.6210, -99.3992, 8.2254
Hunter-Lab	85.9301, -32.2653, 52.3849

Details

The XYZ color **56.8594, 73.8398, 11.2557** 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 **15.5435, 6.2644, 79.7514**, and the grayscale version is **56.4801, 59.4214, 64.7099**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **29.0838, 39.2218, 6.0377** is the 20% darker color. If you saturate the color by 10%, you get **56.8599, 73.8426, 11.2562**, and if you desaturate by 10%, it is **57.7442, 74.2798, 12.1383**.

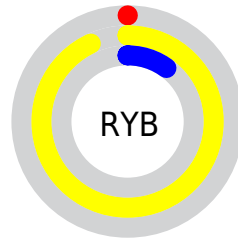
Distribution



Red (83%)

Green (93%)

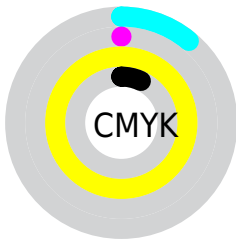
Blue (0%)



Red (0%)

Yellow (93%)

Blue (10%)

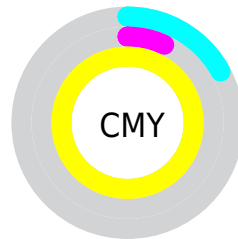


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (17%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8594, 73.8398, 11.2557 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 56.8594, 73.8398, 11.2557 by changing the saturation by 10% instead.


 56.8594, 73.8398,
11.2557

 56.8594, 73.8398,
11.2557


402.9450,
473.9203, 210.2135


 41.1321, 54.6629,
6.1228


 99.3925, 124.6687,
28.7759

 28.6104, 39.1319,
2.8499


 126.9291,
157.0895, 42.0002


 18.9291, 26.8624,
1.0185


 159.1327,
194.6937, 58.7587

 11.7228, 17.4699,
0.0000

 196.3688,
237.8658, 79.4700

 6.6260, 10.5701,
0.0000

 239.0027,
286.9901, 104.5526

 3.2736, 5.7785,
0.0000

 287.3998,

 1.3000, 2.7109,

342.4510, 134.4250

0.0000

341.9254,
404.6329, 169.5058

■ 0.1833, 0.9827,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8594, 73.8398,
11.2557

■ 56.8594, 73.8398,
11.2557

■ 56.8599, 73.8426,
11.2562

■ 57.7442, 74.2798,
12.1383

■ 58.8343, 74.8006,
14.0513

■ 60.1931, 75.4302,
17.3206

■ 61.8570, 76.1830,
22.1372

■ 63.8564, 77.0715,
28.6617

■ 66.2182, 78.1061,
37.0346

■ 68.9662, 79.2966,
47.3818

■ 72.1224, 80.6516,
59.8183

■ 75.7069, 82.1794,
74.4502

Harmonies

Analogous

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



78.3694, 73.8398, 9.9865



56.8594, 73.8398, 11.2557



42.3690, 73.8398, 24.0044

Triad

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



56.8594, 73.8398, 11.2557



45.7937, 73.8398, 214.5708



121.4032, 73.8398, 105.1704

Complementary

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



56.8594, 73.8398, 11.2557



15.5435, 6.2644, 79.7514

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.



108.0918, 73.8398, 189.8483



56.8594, 73.8398, 11.2557



62.5867, 73.8398, 271.9185

Square

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



56.8594, 73.8398, 11.2557



36.9809, 73.8398, 128.5759



85.4395, 73.8398, 261.0348



118.9561, 73.8398, 46.0679

Rectangle

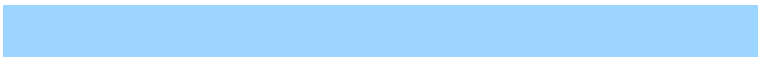
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8594, 73.8398, 11.2557



37.1777, 73.8398, 44.4527



85.4395, 73.8398, 261.0348



118.5286, 73.8398, 131.8433

Sweetspot

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



56.8611, 73.8432, 11.2572



82.1662, 94.5092, 56.2946



34.9133, 18.4721, 1.7263



17.2783, 20.0955, 10.8712



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.



56.8611, 73.8432, 11.2572



67.7475, 88.0102, 13.4170



34.6569, 62.3965, 10.2181



16.1855, 17.5412, 16.0514



31.4066, 40.7352, 6.2074



2.5114, 3.2220, 0.4895

Inverse Universe

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



15.5435, 6.2644, 79.7514



18.5026, 7.4533, 95.0712



26.2313, 11.7742, 80.2516



14.3793, 14.6253, 18.9873



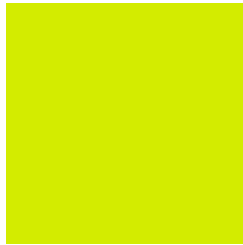
8.6178, 3.4786, 43.9602



0.7264, 0.2988, 3.4543

Previews

White Background



This preview shows how the XYZ color 56.8594, 73.8398, 11.2557 looks on a white background.

Color Contrast Check

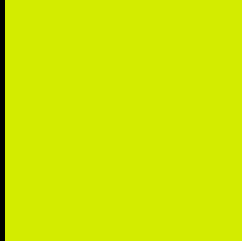
Large Text (above 18pt) WCAG AA × Fail

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 56.8594, 73.8398, 11.2557 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 56.8594, 73.8398, 11.2557

Background



This preview shows how black text looks on a background with the XYZ color 56.8594, 73.8398, 11.2557.

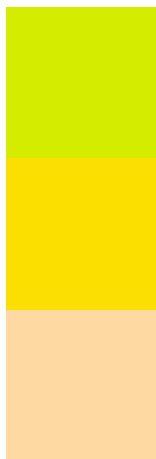


This preview shows how white text looks on a background with the XYZ color 56.8594, 73.8398,

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

56.8594, 73.8398, 11.2557

Protanopia

66.1713, 73.2846, 10.6577

Deuteranopia

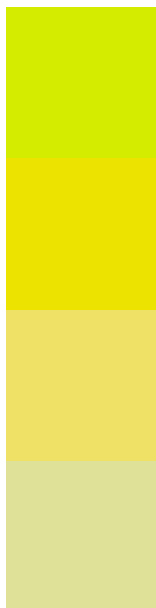
72.4859, 73.4589, 44.0768



Tritanopia

72.9307, 73.4355, 90.4514

Trichromacy



Original Color

56.8594, 73.8398, 11.2557

Protanomaly

62.3355, 73.3197, 10.8667

Deuteranomaly

64.6505, 72.6213, 23.1802

Tritanomaly

62.6353, 71.6144, 39.7999

Monochromacy



Original Color

56.8594, 73.8398, 11.2557

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.1859, 62.6572, 30.0597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8594, 73.8398, 11.2557 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(211, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 0) }
```

Border

The CSS property to change the border of an element to XYZ 56.8594, 73.8398, 11.2557 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(211, 236, 0) }
```


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

```
.border{ border-color:rgb(211, 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(211, 236, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8594, 73.8398, 11.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 0) }
```

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

```
.background{ background-color: rgb(211,  
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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