

Converting Colors

XYZ(57.1119, 73.4181, 35.2113)

Have a look what the booklet for
XYZ(57.1119, 73.4181, 35.2113)
contains.

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Color

**XYZ(57.0886, 73.4280,
35.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EC8A
RGB	195, 236, 138
RGB Percent	76%, 93%, 54%
CMY	0.2353, 0.0745, 0.4588
CMYK	0.17, 0.00, 0.42, 0.07
HSL	85°, 72%, 73%
HSV	85°, 42%, 93%
XYZ	57.0886, 73.4280, 35.2089
YIQ	212.5690, 7.0220, -39.1700

Conversions

Conversions Part 2

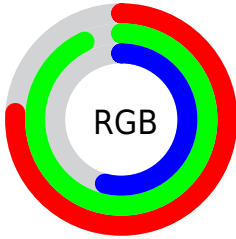
Format	Color
RYB	138, 236, 179
Decimal	12840074
CIELab	88.65, -29.22, 43.16
CIELCh	89, 52.118, 124.099
Yxy	73.4280, 0.3445, 0.4431
Android (android.graphics.Color)	4291030154 (0xFFC3EC8A)
YUV	212.5690, -36.7625, -15.4080
Hunter-Lab	85.6901, -31.0372, 35.6217

Details

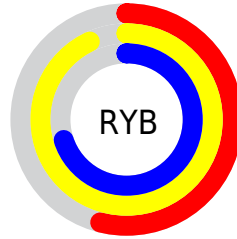
The XYZ color **57.0886, 73.4280, 35.2089** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **42.8222, 33.8189, 83.6317**, and the grayscale version is **63.1940, 66.4850, 72.4022**.

A 20% lighter version of the original color is **85.8937, 96.2529, 64.5037**, and **28.8162, 38.8899, 14.7918** is the 20% darker color. If you saturate the color by 10%, you get **53.0951, 71.5480, 27.0516**, and if you desaturate by 10%, it is **61.6257, 75.5499, 45.3324**.

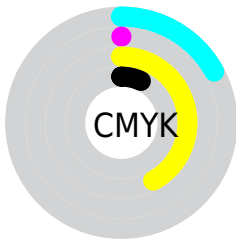
Distribution



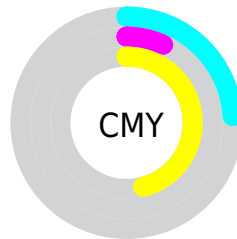
- Red (76%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0886, 73.4280, 35.2089 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 57.0886, 73.4280, 35.2089 by changing the saturation by 10% instead.

 57.0886, 73.4280,
35.2089


 57.0886, 73.4280,
35.2089


403.7900,
472.4968, 340.4217


 41.3168, 54.3260,
23.5390


 99.7251, 124.0846,
68.9645

 28.7555, 38.8624,
14.7830


 127.3204,
156.4080, 91.8873

 19.0393, 26.6527,
8.5223


 159.5877,
193.9074, 119.3981

 11.8028, 17.3125,
4.3384

196.8922,
236.9671, 151.9155

 6.6808, 10.4576,
1.8128

239.5994,
285.9714, 189.8580

 3.3078, 5.7034,
0.4364

288.0745,

 1.3186, 2.6656,

341.3049, 233.6442

0.0000

342.6829,
403.3519, 283.6926

■ 0.1971, 0.9597,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0886, 73.4280,
35.2089

■ 57.0886, 73.4280,
35.2089

■ 53.0951, 71.5480,
27.0516

■ 61.6257, 75.5499,
45.3324

■ 49.6124, 69.8890,
20.7278


■ 66.7264, 77.9146,
57.5340


■ 46.6116, 68.4414,
16.0957


■ 72.4158, 80.5350,
71.9228


■ 44.0582, 67.1912,
12.9908


■ 78.7159, 83.4203,
88.5988

 41.9111, 66.1214,
11.2156

 85.4850, 86.5140,
106.8011

 40.3560, 65.3343,
10.4838

 89.0110, 88.3317,
106.9661

 89.2870, 88.4740,
106.9790

Harmonies

Analogous

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



68.0763, 73.4280, 28.8442



57.0886, 73.4280, 35.2089



50.2135, 73.4280, 53.3451

Triad

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



57.0886, 73.4280, 35.2089



59.7483, 73.4280, 159.8684



96.8078, 73.4280, 75.1001

Complementary

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



57.0886, 73.4280, 35.2089



42.8222, 33.8189, 83.6317

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.



93.8922, 73.4280, 114.1932



57.0886, 73.4280, 35.2089



71.5345, 73.4280, 170.8764

Square

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



57.0886, 73.4280, 35.2089



51.6146, 73.4280, 125.4204



84.2506, 73.4280, 152.1368



91.8007, 73.4280, 47.0602

Rectangle

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



57.0886, 73.4280, 35.2089



48.3878, 73.4280, 73.0370



84.2506, 73.4280, 152.1368



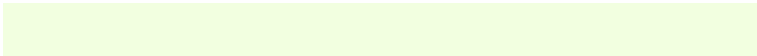
96.7254, 73.4280, 87.2873

Sweetspot

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



57.0904, 73.4312, 35.2105



85.9544, 95.8356, 84.7736



55.2690, 51.8438, 31.1397



18.1996, 20.4217, 17.6347



0.0000, 0.0000, 0.0000



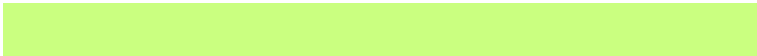
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0904, 73.4312, 35.2105



63.8868, 85.5736, 33.4001



46.4689, 67.9556, 34.7134



15.7076, 17.2948, 16.0291



22.3947, 36.0894, 5.7856



1.8677, 2.8902, 0.4594

Inverse Universe

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



42.8222, 33.8189, 83.6317



44.7243, 32.3335, 98.4915



56.1737, 40.7018, 84.2566



14.8284, 14.8568, 19.0084



11.3065, 4.8646, 44.0860



0.9952, 0.4374, 3.4668

Previews

White Background



This preview shows how the XYZ color 57.0886, 73.4280, 35.2089 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 57.0886, 73.4280, 35.2089 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 57.0886, 73.4280, 35.2089

Background



This preview shows how black text looks on a background with the XYZ color 57.0886, 73.4280, 35.2089.



This preview shows how white text looks on a background with the XYZ color 57.0886, 73.4280,

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

57.0886, 73.4280, 35.2089

Protanopia

67.3171, 72.9907, 32.7309

Deuteranopia

72.8911, 72.8012, 48.7383



Tritanopia

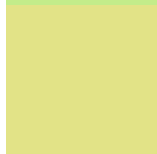
68.9772, 73.2774, 94.5129

Trichromacy



Original Color

57.0886, 73.4280, 35.2089



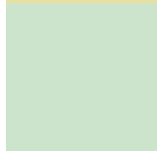
Protanomaly

63.2063, 72.8562, 33.6530



Deuteranomaly

66.2500, 72.6022, 43.3228



Tritanomaly

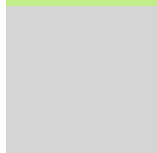
63.5443, 72.6838, 67.8070

Monochromacy



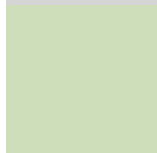
Original Color

57.0886, 73.4280, 35.2089



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.1730, 68.3799, 56.4816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0886, 73.4280, 35.2089 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(195, 236, 138)` looks like.

```
.text, #text, p{  
    color:rgb(195, 236, 138)  
}
```

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(195, 236, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 236, 138) }
```

Border

The CSS property to change the border of an element to XYZ 57.0886, 73.4280, 35.2089 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(195, 236, 138) }
```


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

```
.border{ border-color:rgb(195, 236, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 236, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 236, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 236, 138); box-shadow:4px 4px 4px 4px rgb(195, 236, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0886, 73.4280, 35.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 236, 138) }
```

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

```
.background{ background-color: rgb(195,  
236, 138) }
```

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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