

Converting Colors

XYZ(57.3216, 74.0404, 38.6127)

Have a look what the booklet for
XYZ(57.3216, 74.0404, 38.6127)
contains.

XYZ(57.2107, 73.8502, 38.4333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.2107, 73.8502,
38.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ED92
RGB	192, 237, 146
RGB Percent	75%, 93%, 57%
CMY	0.2471, 0.0706, 0.4274
CMYK	0.19, 0.00, 0.38, 0.07
HSL	90°, 72%, 75%
HSV	90°, 38%, 93%
XYZ	57.2107, 73.8502, 38.4333
YIQ	213.1710, 2.3910, -37.8410

Conversions

Conversions Part 2

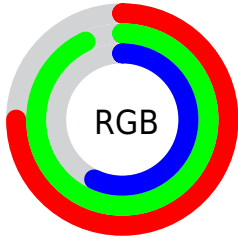
Format	Color
R _{YB}	146, 237, 191
Decimal	12643730
CIE _{Lab}	88.85, -29.78, 39.43
CIE _{LCh}	89, 49.416, 127.060
Yxy	73.8502, 0.3375, 0.4357
Android (android.graphics.Color)	4290833810 (0xFFC0ED92)
YUV	213.1710, -33.1153, -18.5670
Hunter-Lab	85.9361, -31.5545, 33.6390

Details

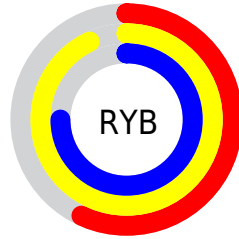
The XYZ color **57.2107, 73.8502, 38.4333** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.0540, 37.7507, 84.9315**, and the grayscale version is **63.5756, 66.8864, 72.8393**.

A 20% lighter version of the original color is **85.7270, 96.0610, 69.2817**, and **28.8608, 39.1743, 16.6299** is the 20% darker color. If you saturate the color by 10%, you get **52.7048, 71.7210, 29.5763**, and if you desaturate by 10%, it is **62.3389, 76.2606, 49.3173**.

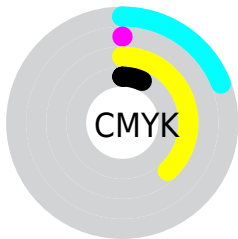
Distribution



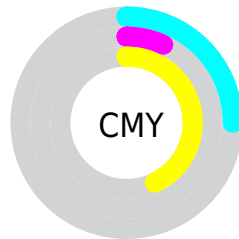
- Red (75%)
- Green (93%)
- Blue (57%)



- Red (57%)
- Yellow (93%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2107, 73.8502, 38.4333 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 57.2107, 73.8502, 38.4333 by changing the saturation by 10% instead.

■ 57.2107, 73.8502,
38.4333

■ 57.2107, 73.8502,
38.4333

404.2398,
473.9562, 354.8288

■ 41.4152, 54.6714,
26.0147

■ 99.9021, 124.6834,
73.9826

■ 28.8328, 39.1387,
16.6088

■ 127.5288,
157.1067, 97.9503

■ 19.0980, 26.8677,
9.7970

159.8300,
194.7136, 126.6049

■ 11.8455, 17.4739,
5.1607

197.1709,
237.8885, 160.3648

■ 6.7100, 10.5729,
2.2815

239.9170,
287.0158, 199.6486

■ 3.3261, 5.7804,
0.7208


288.4336,

■ 1.3285, 2.7120,


342.4799, 244.8749

0.0000


343.0861,
404.6653, 296.4621


 0.2044, 0.9833,
0.0000


 0.0000, 0.0000,
0.0000


 57.2107, 73.8502,
38.4333


 57.2107, 73.8502,
38.4333


 52.7048, 71.7210,
29.5763


 62.3389, 76.2606,
49.3173


 48.7864, 69.8510,
22.6160

 68.1109, 78.9540,
62.3383

 45.4252, 68.2299,
17.4144

 74.5538, 81.9442,
77.6041

 42.5852, 66.8426,
13.8126

 81.6914, 85.2413,
95.2139

■ 40.2248, 65.6717,
11.6233

■ 87.9774, 88.2276,
107.0005

■ 38.2865, 64.6937,
10.5783

■ 89.5758, 89.0515,
107.0753

■ 38.0031, 64.5500,
10.4564

Harmonies

Analogous

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



67.4002, 73.8502, 31.1169



57.2107, 73.8502, 38.4333



51.0520, 73.8502, 57.3502

Triad

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



57.2107, 73.8502, 38.4333



61.5953, 73.8502, 157.7059



95.6116, 73.8502, 72.5744

Complementary

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



57.2107, 73.8502, 38.4333



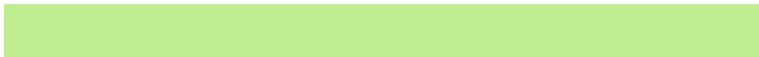
47.0540, 37.7507, 84.9315

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.



93.6029, 73.8502, 108.9469



57.2107, 73.8502, 38.4333



73.0607, 73.8502, 165.2092

Square

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



57.2107, 73.8502, 38.4333



53.3753, 73.8502, 127.0562



85.0028, 73.8502, 145.3442



90.2159, 73.8502, 46.8577

Rectangle

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



57.2107, 73.8502, 38.4333



49.6176, 73.8502, 77.0759



85.0028, 73.8502, 145.3442



95.7891, 73.8502, 83.8395

Sweetspot

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



57.2125, 73.8534, 38.4349



85.1589, 95.4255, 84.7364



58.5261, 56.9023, 35.0938



18.0124, 20.3252, 17.6259



0.0000, 0.0000, 0.0000



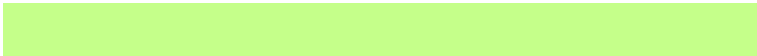
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2125, 73.8534, 38.4349



63.3490, 85.2152, 37.0404



47.6002, 68.8981, 37.9850



15.5940, 17.2363, 16.0238



20.8991, 35.3183, 5.7156



1.7521, 2.8306, 0.4540

Inverse Universe

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



47.0540, 37.7507, 84.9315



49.7852, 37.0080, 99.1270



59.9887, 44.4188, 85.5369



14.9407, 14.9147, 19.0136



12.5173, 5.4888, 44.1427



1.0938, 0.4882, 3.4715

Previews

White Background



This preview shows how the XYZ color 57.2107, 73.8502, 38.4333 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 57.2107, 73.8502, 38.4333 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 57.2107, 73.8502, 38.4333

Background



This preview shows how black text looks on a background with the XYZ color 57.2107, 73.8502, 38.4333.

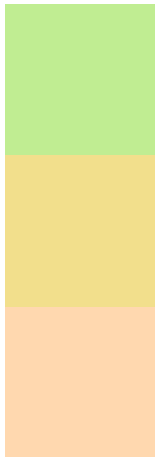


This preview shows how white text looks on a background with the XYZ color 57.2107, 73.8502,

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

57.2107, 73.8502, 38.4333

Protanopia

67.7392, 73.5460, 35.4365

Deuteranopia

73.5337, 73.4669, 50.8623



Tritanopia

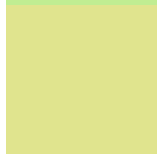
68.5565, 73.4433, 95.3567

Trichromacy



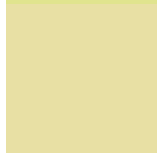
Original Color

57.2107, 73.8502, 38.4333



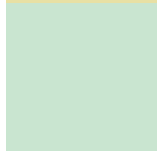
Protanomaly

63.3664, 73.2871, 36.3972



Deuteranomaly

66.6352, 73.1475, 45.7288



Tritanomaly

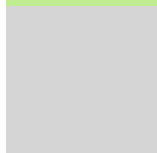
63.4919, 73.0102, 70.4205

Monochromacy



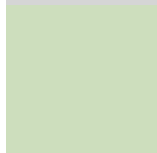
Original Color

57.2107, 73.8502, 38.4333



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.4834, 68.8958, 58.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2107, 73.8502, 38.4333 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(192, 237, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 237, 146)  
}
```

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(192, 237, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 237, 146) }
```

Border

The CSS property to change the border of an element to XYZ 57.2107, 73.8502, 38.4333 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(192, 237, 146) }
```


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

```
.border{ border-color:rgb(192, 237, 146) }
```

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

Here you see how a box with a 4 pixel rgb(192, 237, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 237, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 237, 146);  
box-shadow:4px 4px 4px 4px rgb(192, 237,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2107, 73.8502, 38.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 237, 146) }
```

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

```
.background{ background-color: rgb(192,  
237, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor