

Converting Colors

XYZ(57.5082, 79.5317, 38.4272)

Have a look what the booklet for
XYZ(57.5082, 79.5317, 38.4272)
contains.

XYZ(57.4240, 79.3182, 38.2700)	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(57.4240, 79.3182,
38.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F98F
RGB	179, 249, 143
RGB Percent	70%, 98%, 56%
CMY	0.2980, 0.0235, 0.4392
CMYK	0.28, 0.00, 0.43, 0.02
HSL	100°, 90%, 77%
HSV	100°, 43%, 98%
XYZ	57.4240, 79.3182, 38.2700
YIQ	215.9860, -7.6940, -47.8060

Conversions

Conversions Part 2

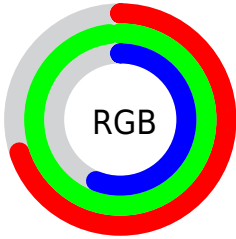
Format	Color
RYB	143, 249, 213
Decimal	11794831
CIELab	91.38, -40.15, 43.99
CIELCh	91, 59.556, 132.384
Yxy	79.3182, 0.3281, 0.4532
Android (android.graphics.Color)	4289984911 (0xFFB3F98F)
YUV	215.9860, -35.9821, -32.4367
Hunter-Lab	89.0608, -40.7643, 36.8652

Details

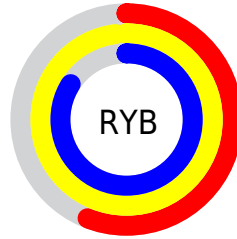
The XYZ color **57.4240, 79.3182, 38.2700** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **54.3654, 40.6330, 94.6044**, and the grayscale version is **65.5036, 68.9149, 75.0484**.

A 20% lighter version of the original color is **80.8781, 93.6017, 67.2303**, and **28.9063, 42.6656, 16.6093** is the 20% darker color. If you saturate the color by 10%, you get **52.1669, 76.8048, 29.2468**, and if you desaturate by 10%, it is **63.5570, 82.2396, 49.5227**.

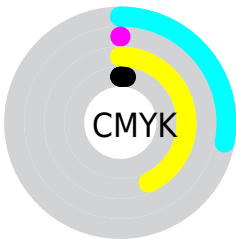
Distribution



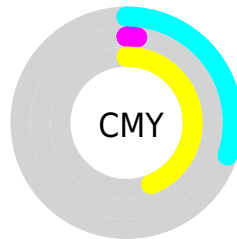
- Red (70%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)





- Cyan (30%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4240, 79.3182, 38.2700 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 57.4240, 79.3182, 38.2700 by changing the saturation by 10% instead.

 57.4240, 79.3182,
38.2700

 57.4240, 79.3182,
38.2700

405.0247,
492.6321, 354.1096

 41.5872, 59.1575,
25.8889


 100.2114,
132.4067, 73.7298

 28.9679, 42.7399,
16.5155


 127.8927,
166.1033, 97.6455

 19.2007, 29.6811,
9.7314


160.2529,
205.0806, 126.2432

 11.9203, 19.5966,
5.1179

197.6574,
249.7231, 159.9414

 6.7612, 12.1022,
2.2567

240.4714,
300.4151, 199.1585

 3.3582, 6.8133,
0.7068

289.0604,

 1.3459, 3.3456,

357.5410, 244.3133

0.0000

343.7897,
421.4852, 295.8241

■ 0.2172, 1.3147,
0.0000

■ 0.0000, 0.1526,
0.0000

■ 57.4240, 79.3182,
38.2700

■ 57.4240, 79.3182,
38.2700

■ 52.1669, 76.8048,
29.2468

■ 63.5570, 82.2396,
49.5227

■ 47.7359, 74.6697,
22.2996

■ 70.6006, 85.5767,
63.1345

■ 44.0848, 72.8952,
17.2639

■ 78.5945, 89.3498,
79.2310

■ 41.1594, 71.4575,
13.9476

■ 87.5743, 93.5745,
97.9277

■ 38.8968, 70.3291,
12.1188

■ 93.1673, 96.2346,
108.2724

■ 37.5838, 69.6654,
11.4659

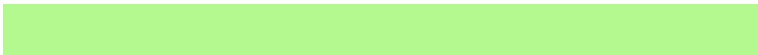
Harmonies

Analogous

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



69.3187, 79.3182, 27.8558



57.4240, 79.3182, 38.2700



50.9145, 79.3182, 63.5165

Triad

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



57.4240, 79.3182, 38.2700



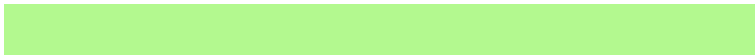
66.9208, 79.3182, 192.6491



107.5372, 79.3182, 69.6935

Complementary

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



57.4240, 79.3182, 38.2700



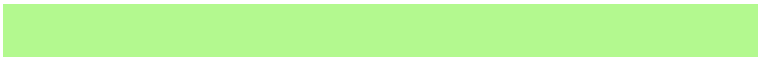
54.3654, 40.6330, 94.6044

Split Complementary

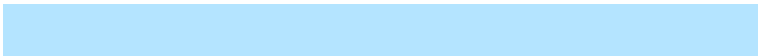
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.6684, 79.3182, 114.1228



57.4240, 79.3182, 38.2700



81.8050, 79.3182, 196.0300

Square

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



57.4240, 79.3182, 38.2700



55.8717, 79.3182, 155.6131



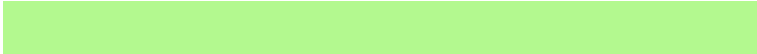
96.7585, 79.3182, 163.7149



98.9937, 79.3182, 41.4825

Rectangle

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



57.4240, 79.3182, 38.2700



49.8903, 79.3182, 89.8781



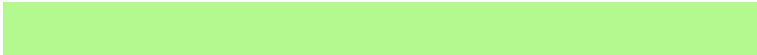
96.7585, 79.3182, 163.7149



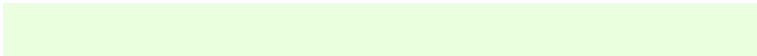
108.3655, 79.3182, 82.9427

Sweetspot

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



57.4260, 79.3216, 38.2717



82.5641, 94.1276, 82.8187



67.5465, 69.1632, 35.7775



17.2562, 19.9511, 16.8790



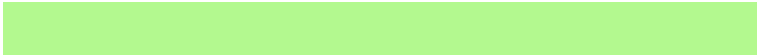
0.0000, 0.0000, 0.0000



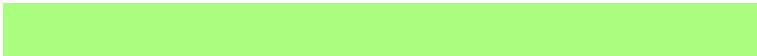
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4260, 79.3216, 38.2717



55.8451, 81.4470, 32.1628



51.4551, 76.0944, 44.7326



17.5730, 19.5956, 18.3185



20.2528, 37.3590, 6.1436



1.9841, 3.5159, 0.5741

Inverse Universe

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



54.3654, 40.6330, 94.6044



52.1943, 35.6993, 98.7474



63.6147, 45.6757, 82.6328



17.3871, 17.2122, 21.7912



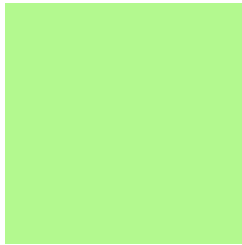
17.5547, 7.9925, 48.5910



1.7391, 0.7986, 4.5057

Previews

White Background



This preview shows how the XYZ color 57.4240, 79.3182, 38.2700 looks on a white background.

Color Contrast Check

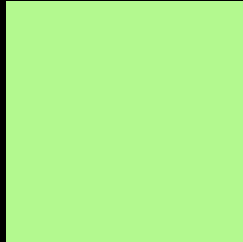
Large Text (above 18pt) WCAG AA × Fail

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 57.4240, 79.3182, 38.2700 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

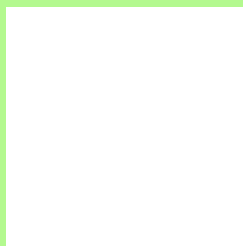
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4240, 79.3182, 38.2700

Background



This preview shows how black text looks on a background with the XYZ color 57.4240, 79.3182, 38.2700.



This preview shows how white text looks on a background with the XYZ color 57.4240, 79.3182,

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

57.4240, 79.3182, 38.2700

Protanopia

72.2469, 78.3254, 34.6031

Deuteranopia

77.5213, 78.4216, 61.5031



Tritanopia

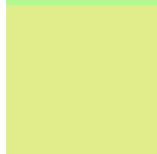
71.0714, 79.0812, 106.1261

Trichromacy



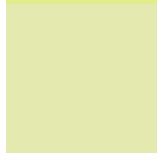
Original Color

57.4240, 79.3182, 38.2700



Protanomaly

65.7070, 77.8625, 35.9919



Deuteranomaly

68.5553, 77.7039, 51.9425



Tritanomaly

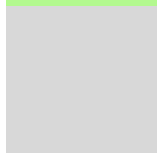
64.8281, 78.7128, 75.3946

Monochromacy



Original Color

57.4240, 79.3182, 38.2700



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.5573, 71.8574, 58.7696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4240, 79.3182, 38.2700 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(179, 249, 143)` looks like.

```
.text, #text, p{  
    color:rgb(179, 249, 143)  
}
```

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(179, 249, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 249, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.4240, 79.3182, 38.2700 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(179, 249, 143) }
```


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

```
.border{ border-color:rgb(179, 249, 143) }
```

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

Here you see how a box with a 4 pixel rgb(179, 249, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 249, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 249, 143);  
box-shadow:4px 4px 4px 4px rgb(179, 249,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4240, 79.3182, 38.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 249, 143) }
```

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

```
.background{ background-color: rgb(179,  
249, 143) }
```

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