

Converting Colors

XYZ(35.9819, 58.2843, 38.3191)

Have a look what the booklet for
XYZ(35.9819, 58.2843, 38.3191)
contains.

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Color

**XYZ(35.9258, 58.2570,
38.2054)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FE296 |
| RGB | 79, 226, 150 |
| RGB Percent | 31%, 89%, 59% |
| CMY | 0.6902, 0.1137, 0.4118 |
| CMYK | 0.65, 0.00, 0.34, 0.11 |
| HSL | 149°, 72%, 60% |
| HSV | 149°, 65%, 89% |
| XYZ | 35.9258, 58.2570, 38.2054 |
| YIQ | 173.3830, -63.2160, -54.8000 |

Conversions

Conversions Part 2

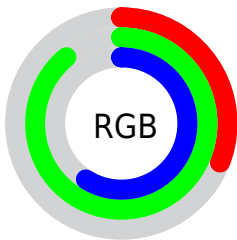
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 79, 178, 226 |
| Decimal | 5235350 |
| CIELab | 80.88, -56.08, 25.97 |
| CIElCh | 81, 61.800, 155.149 |
| Yxy | 58.2570, 0.2714, 0.4400 |
| Android (android.graphics.Color) | 4283425430 (0xFF4FE296) |
| YUV | 173.3830, -11.5278, -82.7739 |
| Hunter-Lab | 76.3263, -49.5533, 23.7506 |

Details

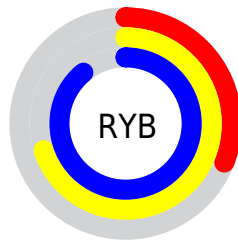
The XYZ color **35.9258, 58.2570, 38.2054** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **40.0782, 24.1284, 33.5572**, and the grayscale version is **39.9975, 42.0805, 45.8257**.

A 20% lighter version of the original color is **57.9348, 81.6786, 70.4697**, and **16.4401, 29.2768, 16.5889** is the 20% darker color. If you saturate the color by 10%, you get **33.4614, 57.0915, 33.4216**, and if you desaturate by 10%, it is **39.1258, 59.7940, 43.5160**.

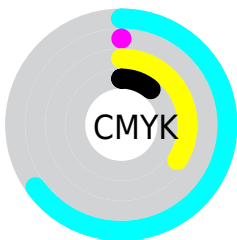
Distribution



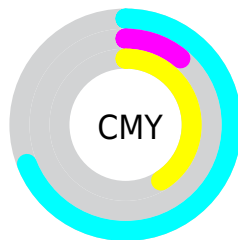
- Red (31%)
- Green (89%)
- Blue (59%)



- Red (31%)
- Yellow (70%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)





- Cyan (69%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9258, 58.2570, 38.2054 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 35.9258, 58.2570, 38.2054 by changing the saturation by 10% instead.

 35.9258, 58.2570,
38.2054


 35.9258, 58.2570,
38.2054


320.0730,
418.1429, 353.8248


 24.5467, 42.0153,
25.8391


 68.2421, 102.2970,
73.6298

 15.8666, 29.1133,
16.4786


 89.9101, 130.8641,
97.5249

 9.5201, 19.1665,
9.7054


 115.7385,
164.3085, 126.1000

 5.1417, 11.7907,
5.1011

 146.0925,
203.0145, 159.7737

 2.3663, 6.6013,
2.2469

181.3377,
247.3665, 198.9645

 0.8283, 3.2140,
0.7012

221.8392,

 0.0000, 1.2445,

297.7490, 244.0909

0.0000

267.9626,
354.5463, 295.5715

■ 0.0000, 0.0976,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.9258, 58.2570,
38.2054

■ 35.9258, 58.2570,
38.2054

■ 33.4614, 57.0915,
33.4216

■ 39.1258, 59.7940,
43.5160

■ 31.6575, 56.2544,
29.1431


■ 43.1179, 61.7267,
49.3659


■ 30.4297, 55.7040,
25.3522


■ 47.9578, 64.0850,
55.7722


■ 29.9662, 55.5024,
23.6460


■ 53.6949, 66.8940,
62.7498

 60.3745, 70.1770,
70.3130

 68.0389, 73.9554,
78.4758

 76.7276, 78.2494,
87.2512

 84.6877, 82.1550,
96.5686

 86.4874, 82.8749,
106.0458

Harmonies

Analogous

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



42.3902, 58.2570, 21.5233



35.9258, 58.2570, 38.2054



34.3187, 58.2570, 69.9625

Triad

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



35.9258, 58.2570, 38.2054



57.6072, 58.2570, 162.5662



78.0030, 58.2570, 30.9197

Complementary

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



35.9258, 58.2570, 38.2054



40.0782, 24.1284, 33.5572

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.



83.6421, 58.2570, 57.3210



35.9258, 58.2570, 38.2054



70.7644, 58.2570, 140.1712

Square

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



35.9258, 58.2570, 38.2054



45.6692, 58.2570, 151.1663



80.8085, 58.2570, 97.8600



66.3590, 58.2570, 18.5935

Rectangle

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



35.9258, 58.2570, 38.2054



35.9663, 58.2570, 98.3033



80.8085, 58.2570, 97.8600



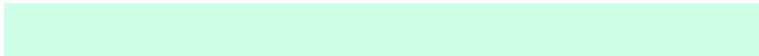
80.7390, 58.2570, 37.9694

Sweetspot

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



35.9273, 58.2594, 38.2067



74.7534, 89.9940, 87.2905



42.5923, 62.1682, 17.1525



15.4800, 19.0068, 18.0886



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.



35.9273, 58.2594, 38.2067



43.0776, 74.6361, 41.9129



43.4871, 61.2833, 78.0161



13.8032, 15.4470, 15.9988



17.1545, 31.6866, 13.8025



1.2342, 2.2144, 1.1942

Inverse Universe

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



40.0782, 24.1284, 33.5572



48.9113, 26.5990, 35.3271



35.7579, 22.4003, 10.8066



14.0016, 13.8183, 15.7788



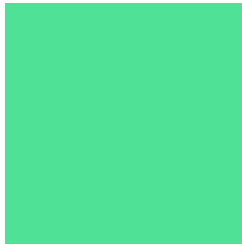
19.7802, 9.9791, 10.7740



1.4163, 0.7098, 0.9848

Previews

White Background



This preview shows how the XYZ color 35.9258, 58.2570, 38.2054 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 35.9258, 58.2570, 38.2054 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 35.9258, 58.2570, 38.2054

Background



This preview shows how black text looks on a background with the XYZ color 35.9258, 58.2570, 38.2054.



This preview shows how white text looks on a background with the XYZ color 35.9258, 58.2570,

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

35.9258, 58.2570, 38.2054

Protanopia

53.0352, 57.1289, 32.2765

Deuteranopia

58.0811, 56.8860, 40.2667



Tritanopia

45.4482, 58.1831, 85.9259

Trichromacy



Original Color

35.9258, 58.2570, 38.2054



Protanomaly

43.4088, 55.6609, 34.0469



Deuteranomaly

45.4138, 54.7824, 39.1908



Tritanomaly

41.3025, 58.0396, 65.5258

Monochromacy



Original Color

35.9258, 58.2570, 38.2054



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

36.2886, 45.9049, 42.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9258, 58.2570, 38.2054 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(79, 226, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 226, 150)  
}
```

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(79, 226, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 226, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.9258, 58.2570, 38.2054 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(79, 226, 150) }
```


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

```
.border{ border-color:rgb(79, 226, 150) }
```

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

Here you see how a box with a 4 pixel rgb(79, 226, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 226, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 226, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 226,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9258, 58.2570, 38.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 226, 150) }
```

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

```
.background{ background-color: rgb(79, 226,  
150) }
```

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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