

Converting Colors

XYZ(57.2464, 69.0120, 54.7417)

Have a look what the booklet for
XYZ(57.2464, 69.0120, 54.7417)
contains.

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Color

**XYZ(57.1257, 68.8465,
54.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE2B6
RGB	191, 226, 182
RGB Percent	75%, 89%, 71%
CMY	0.2510, 0.1137, 0.2863
CMYK	0.15, 0.00, 0.19, 0.11
HSL	108°, 43%, 80%
HSV	108°, 19%, 89%
XYZ	57.1257, 68.8465, 54.5338
YIQ	210.5190, -6.7360, -21.1040

Conversions

Conversions Part 2

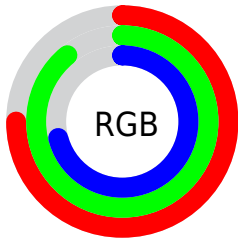
Format	Color
RYB	182, 226, 217
Decimal	12575414
CIELab	86.43, -19.54, 17.77
CIELCh	86, 26.414, 137.721
Yxy	68.8465, 0.3165, 0.3814
Android (android.graphics.Color)	4290765494 (0xFFBFE2B6)
YUV	210.5190, -14.0599, -17.1182
Hunter-Lab	82.9738, -22.3107, 19.1138

Details

The XYZ color **57.1257, 68.8465, 54.5338** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.0735, 53.7006, 79.2069**, and the grayscale version is **61.6941, 64.9070, 70.6838**.

A 20% lighter version of the original color is **89.9040, 97.6495, 94.9987**, and **28.8419, 36.0292, 26.2031** is the 20% darker color. If you saturate the color by 10%, you get **50.7292, 65.7994, 43.0106**, and if you desaturate by 10%, it is **64.4579, 72.3364, 68.0713**.

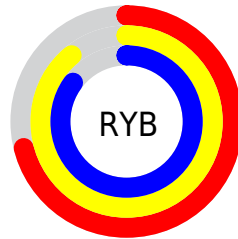
Distribution



Red (75%)

Green (89%)

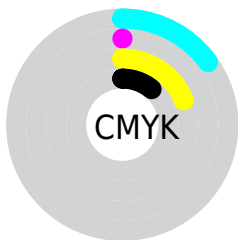
Blue (71%)



Red (71%)

Yellow (89%)

Blue (85%)

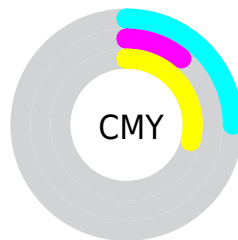


Cyan (15%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1257, 68.8465, 54.5338 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 57.1257, 68.8465, 54.5338 by changing the saturation by 10% instead.

■ 57.1257, 68.8465,
54.5338

■ 57.1257, 68.8465,
54.5338

403.9267,
456.4894, 421.3743

■ 41.3467, 50.5867,
38.6325

■ 99.7789, 117.5623,
98.3219

■ 28.7790, 35.8798,
26.1683

127.3838,
148.7871, 127.0457

■ 19.0571, 24.3414,
16.7227

159.6613,
185.1024, 160.8808

■ 11.8158, 15.5870,
9.8771

196.9769,
226.8925, 200.2457

■ 6.6897, 9.2324,
5.2130

239.6959,
274.5419, 245.5590

■ 3.3134, 4.8931,
2.3119

288.1836,

■ 1.3216, 2.1847,

328.4349, 297.2392

0.7379

342.8055,
388.9559, 355.7048

■ 0.1993, 0.7116,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1257, 68.8465,
54.5338

■ 57.1257, 68.8465,
54.5338

■ 50.7292, 65.7994,
43.0106

■ 64.4579, 72.3364,
68.0713

■ 45.2248, 63.1688,
33.4013

■ 72.7562, 76.2768,
83.7082

■ 40.5737, 60.9389,
25.6034

■ 82.0562, 80.6863,
101.5301

■ 36.7318, 59.0893,
19.5032

■ 86.4877, 82.8755,
106.0459

■ 33.6509, 57.5981,
14.9741

■ 31.2776, 56.4408,
11.8718

■ 29.5505, 55.5896,
10.0256

■ 28.3846, 55.0066,
9.1557

■ 28.3344, 54.9815,
9.1191

Harmonies

Analogous

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



61.9263, 68.8465, 47.2696



57.1257, 68.8465, 54.5338



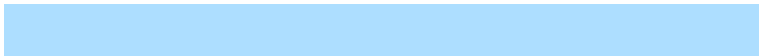
54.6181, 68.8465, 68.0335

Triad

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



57.1257, 68.8465, 54.5338



62.9703, 68.8465, 112.8670



77.2739, 68.8465, 65.1829

Complementary

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



57.1257, 68.8465, 54.5338



59.0735, 53.7006, 79.2069

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.



77.5968, 68.8465, 82.3459



57.1257, 68.8465, 54.5338



69.0769, 68.8465, 111.7847

Square

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



57.1257, 68.8465, 54.5338



57.8489, 68.8465, 102.7048



74.5167, 68.8465, 99.9445



73.6602, 68.8465, 52.7277

Rectangle

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



57.1257, 68.8465, 54.5338



54.4744, 68.8465, 79.5725



74.5167, 68.8465, 99.9445



77.7787, 68.8465, 70.5334

Sweetspot

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



57.1275, 68.8495, 54.5353



88.3468, 96.8177, 96.2359



64.4860, 68.9005, 54.1573



18.7598, 20.6517, 20.3167



0.0000, 0.0000, 0.0000



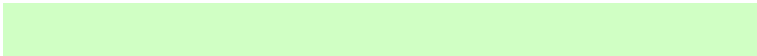
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1275, 68.8495, 54.5353



71.8731, 88.9814, 65.8207



56.2800, 68.2570, 61.5244



13.7893, 15.4716, 14.5663



16.2425, 31.4058, 5.2059



1.1995, 2.2148, 0.3643

Inverse Universe

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



59.0735, 53.7006, 79.2069



74.8330, 65.9136, 103.3862



60.1726, 54.4577, 70.6490



14.0062, 13.7867, 17.3106



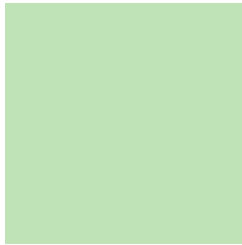
18.6411, 8.7051, 41.7461



1.3623, 0.6396, 2.8969

Previews

White Background



This preview shows how the XYZ color 57.1257, 68.8465, 54.5338 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 57.1257, 68.8465, 54.5338 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

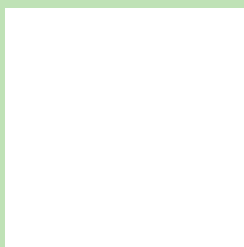
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1257, 68.8465, 54.5338

Background



This preview shows how black text looks on a background with the XYZ color 57.1257, 68.8465, 54.5338.

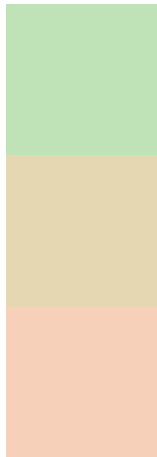


This preview shows how white text looks on a background with the XYZ color 57.1257, 68.8465,

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

57.1257, 68.8465, 54.5338

Protanopia

64.2312, 68.2692, 51.3869

Deuteranopia

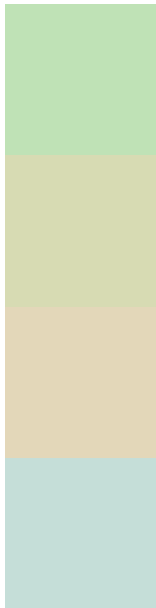
69.7766, 68.4311, 55.9853



Tritanopia

64.2913, 68.9985, 89.2864

Trichromacy



Original Color

57.1257, 68.8465, 54.5338

Protanomaly

61.4925, 68.3648, 52.6025

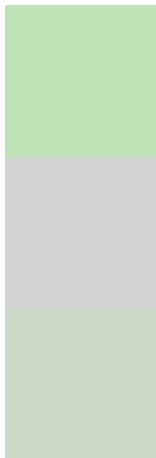
Deuteranomaly

64.7359, 68.4346, 55.6962

Tritanomaly

61.5419, 69.0707, 75.0541

Monochromacy



Original Color

57.1257, 68.8465, 54.5338

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.8830, 66.1192, 64.2497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1257, 68.8465, 54.5338 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(191, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 182)  
}
```

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(191, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.1257, 68.8465, 54.5338 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(191, 226, 182) }
```


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

```
.border{ border-color:rgb(191, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 226, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 226, 182); box-shadow:4px 4px 4px 4px rgb(191, 226, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1257, 68.8465, 54.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 182) }
```

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

```
.background{ background-color: rgb(191,  
226, 182) }
```

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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