

Converting Colors

XYZ(67.4158, 82.5793, 64.9627)

Have a look what the booklet for
XYZ(67.4158, 82.5793, 64.9627)
contains.

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Color

**XYZ(67.3909, 82.4993,
65.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF6C5
RGB	202, 246, 197
RGB Percent	79%, 96%, 77%
CMY	0.2078, 0.0353, 0.2274
CMYK	0.18, 0.00, 0.20, 0.04
HSL	114°, 73%, 87%
HSV	114°, 20%, 96%
XYZ	67.3909, 82.4993, 65.1954
YIQ	227.2580, -10.4950, -24.5670

Conversions

Conversions Part 2

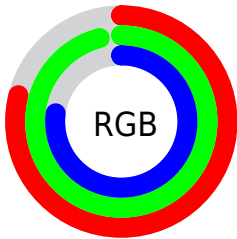
Format	Color
RYB	197, 246, 241
Decimal	13301445
CIELab	92.79, -23.09, 19.01
CIELCh	93, 29.907, 140.542
Yxy	82.4993, 0.3133, 0.3836
Android (android.graphics.Color)	4291491525 (0xFFCAF6C5)
YUV	227.2580, -14.9172, -22.1513
Hunter-Lab	90.8291, -26.5124, 21.0232

Details

The XYZ color **67.3909, 82.4993, 65.1954** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.8799, 65.2895, 95.9540**, and the grayscale version is **73.3139, 77.1319, 83.9967**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.4040, 45.0131, 32.8090** is the 20% darker color. If you saturate the color by 10%, you get **59.2439, 78.6013, 51.2813**, and if you desaturate by 10%, it is **76.8580, 87.0294, 81.5758**.

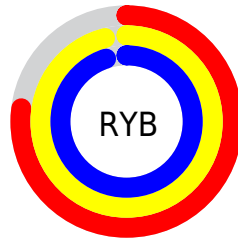
Distribution



Red (79%)

Green (96%)

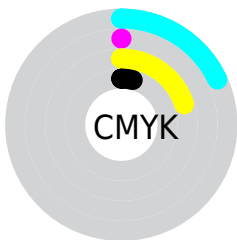
Blue (77%)



Red (77%)

Yellow (96%)

Blue (95%)

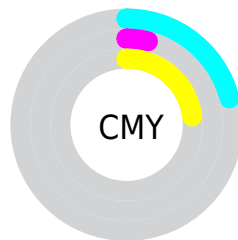


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3909, 82.4993, 65.1954 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 67.3909, 82.4993, 65.1954 by changing the saturation by 10% instead.

67.3909, 82.4993,
65.1954

67.3909, 82.4993,
65.1954

440.7455,
503.3163, 461.8192

49.6742, 61.7772,
47.1672

114.5271,
136.8740, 113.9467

35.3714, 44.8527,
32.8126

144.6773,
171.2953, 145.5069

24.1169, 31.3414,
21.7129

179.7027,
211.0518, 182.4148

15.5456, 20.8590,
13.4498

219.9687,
256.5280, 225.0890

9.2920, 13.0209,
7.6047

265.8406,
308.1081, 273.9480

4.9907, 7.4430,
3.7589

317.6838,

2.2765, 3.7406,

366.1766, 329.4103

1.4940

375.8637,
431.1179, 391.8946

0.7826, 1.5296,
0.2135

0.0000, 0.3094,
0.0000

67.3909, 82.4993,
65.1954

67.3909, 82.4993,
65.1954

59.2439, 78.6013,
51.2813

76.8580, 87.0294,
81.5758

52.3520, 75.2974,
39.7091

87.6934, 92.2070,
100.5281

46.6544, 72.5614,
30.3516

92.2474, 94.3948,
107.9658

42.0828, 70.3612,
23.0674

■ 38.5619, 68.6612,
17.6990

■ 36.0069, 67.4219,
14.0660

■ 34.3199, 66.5972,
11.9540

■ 33.3662, 66.1254,
11.0106

■ 33.3607, 66.1227,
11.0047

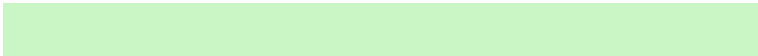
Harmonies

Analogous

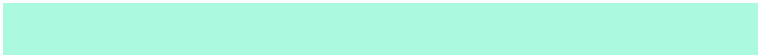
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2659, 82.4993, 55.3017



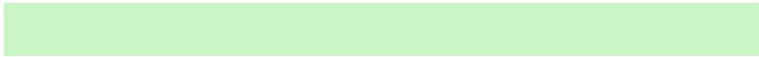
67.3909, 82.4993, 65.1954



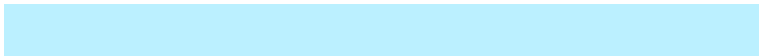
64.5260, 82.4993, 82.9504

Triad

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



67.3909, 82.4993, 65.1954



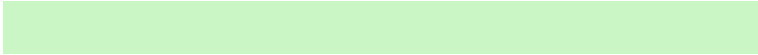
75.9735, 82.4993, 139.2244



93.3174, 82.4993, 75.5792

Complementary

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



67.3909, 82.4993, 65.1954



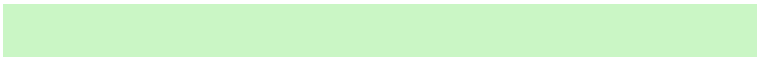
72.8799, 65.2895, 95.9540

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.



94.1621, 82.4993, 97.0750



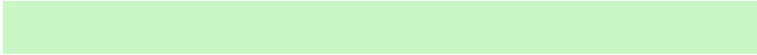
67.3909, 82.4993, 65.1954



83.7960, 82.4993, 136.3677

Square

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



67.3909, 82.4993, 65.1954



69.2600, 82.4993, 127.2524



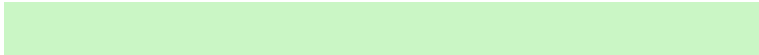
90.5760, 82.4993, 119.9936



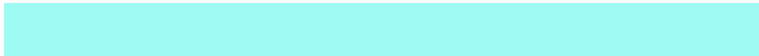
88.3391, 82.4993, 60.5704

Rectangle

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



67.3909, 82.4993, 65.1954



64.5693, 82.4993, 97.9198



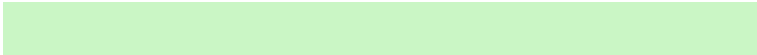
90.5760, 82.4993, 119.9936



94.1065, 82.4993, 82.1942

Sweetspot

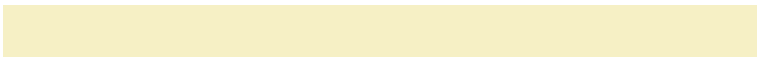
The Sweet Spot groups the original color and five complimentary colors.



67.3931, 82.5028, 65.1972



87.8084, 96.5402, 96.2107



79.3312, 86.1152, 65.2653



18.6330, 20.5863, 20.3107



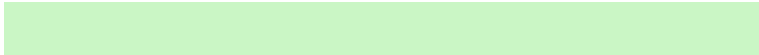
0.0000, 0.0000, 0.0000



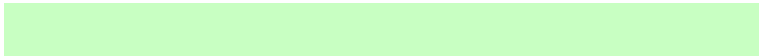
20.3446, 21.4041, 23.3091

Same Dimension

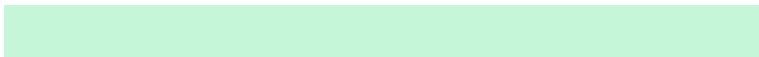
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3931, 82.5028, 65.1972



69.3061, 87.6914, 64.1946



68.3510, 82.7322, 77.1877



16.4390, 18.5529, 17.5122



17.8589, 35.3194, 5.8761



1.6209, 3.1307, 0.5188

Inverse Universe

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



72.8799, 65.2895, 95.9540



76.2776, 65.8097, 103.2900



71.8703, 65.0855, 81.6077



17.0373, 16.6774, 20.8637



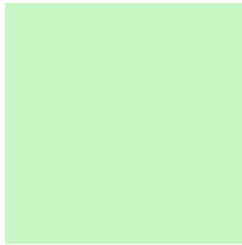
24.8491, 11.7845, 47.5030



2.2311, 1.0600, 4.1773

Previews

White Background



This preview shows how the XYZ color 67.3909, 82.4993, 65.1954 looks on a white background.

Color Contrast Check

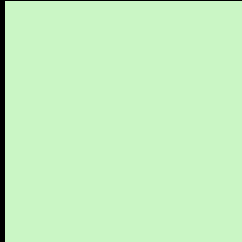
Large Text (above 18pt) WCAG AA × Fail

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 67.3909, 82.4993, 65.1954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

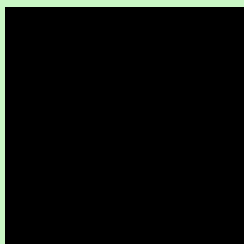
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

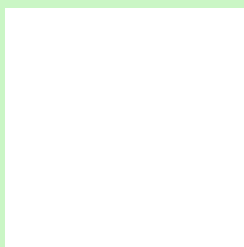
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3909, 82.4993, 65.1954

Background



This preview shows how black text looks on a background with the XYZ color 67.3909, 82.4993, 65.1954.



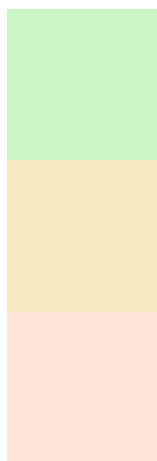
This preview shows how white text looks on a background with the XYZ color 67.3909, 82.4993,

65.1954.

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

67.3909, 82.4993, 65.1954

Protanopia

76.9007, 81.8136, 61.0287

Deuteranopia

81.5251, 82.2049, 75.8603



Tritanopia

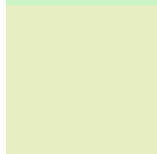
76.3561, 82.6652, 106.5393

Trichromacy



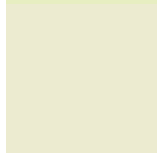
Original Color

67.3909, 82.4993, 65.1954



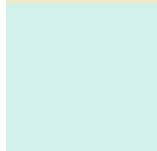
Protanomaly

73.1552, 81.9883, 62.4217



Deuteranomaly

75.6856, 81.8036, 71.4751



Tritanomaly

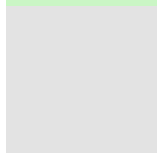
72.8849, 82.5527, 89.9347

Monochromacy



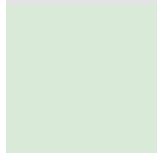
Original Color

67.3909, 82.4993, 65.1954



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.7309, 78.7089, 76.4302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3909, 82.4993, 65.1954 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(202, 246, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 246, 197)  
}
```

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(202, 246, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 246, 197) }
```

Border

The CSS property to change the border of an element to XYZ 67.3909, 82.4993, 65.1954 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(202, 246, 197) }
```


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

```
.border{ border-color:rgb(202, 246, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 246, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 246, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 246, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 246,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3909, 82.4993, 65.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 246, 197) }
```

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

```
.background{ background-color: rgb(202,  
246, 197) }
```

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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