

Converting Colors

XYZ(66.4116, 83.1347, 65.4657)

Have a look what the booklet for
XYZ(66.4116, 83.1347, 65.4657)
contains.

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Color

**XYZ(66.4594, 83.3847,
65.4154)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F9C5
RGB	195, 249, 197
RGB Percent	76%, 98%, 77%
CMY	0.2353, 0.0235, 0.2274
CMYK	0.22, 0.00, 0.21, 0.02
HSL	122°, 82%, 87%
HSV	122°, 22%, 98%
XYZ	66.4594, 83.3847, 65.4154
YIQ	226.9260, -15.4920, -27.6200

Conversions

Conversions Part 2

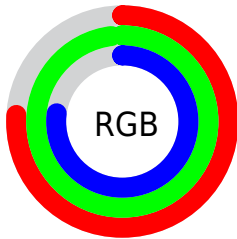
Format	Color
R_{YB}	195, 247, 249
Decimal	12843461
CIE _{Lab}	93.18, -26.83, 19.49
CIE _{LCh}	93, 33.156, 144.007
Yxy	83.3847, 0.3087, 0.3874
Android (android.graphics.Color)	4291033541 (0xFFC3F9C5)
YUV	226.9260, -14.7535, -27.9991
Hunter-Lab	91.3152, -29.8890, 21.4471

Details

The XYZ color **66.4594, 83.3847, 65.4154** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3734, 65.8872, 96.7442**, and the grayscale version is **73.0737, 76.8792, 83.7214**.

A 20% lighter version of the original color is **93.7943, 99.3712, 108.0030**, and **34.6228, 45.2579, 32.8974** is the 20% darker color. If you saturate the color by 10%, you get **58.0218, 79.3300, 51.8016**, and if you desaturate by 10%, it is **76.4113, 88.1744, 81.3848**.

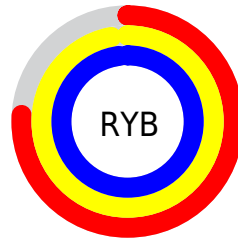
Distribution



Red (76%)

Green (98%)

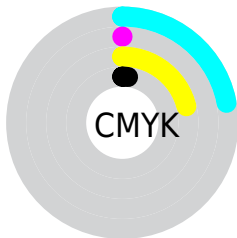
Blue (77%)



Red (76%)

Yellow (97%)

Blue (98%)

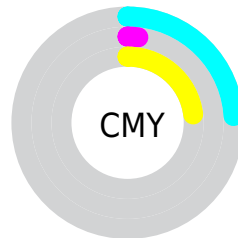


Cyan (22%)

Magenta (0%)

Yellow (21%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4594, 83.3847, 65.4154 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 66.4594, 83.3847, 65.4154 by changing the saturation by 10% instead.

66.4594, 83.3847,
65.4154

66.4594, 83.3847,
65.4154

437.4808,
506.2677, 462.6302

48.9145, 62.5076,
47.3445

113.1995,
138.1141, 114.2659

34.7659, 45.4429,
32.9518

143.1255,
172.7352, 145.8825

23.6483, 31.8065,
21.8187

177.9091,
212.7064, 182.8515

15.1962, 21.2137,
13.5267

217.9159,
258.4121, 225.5913

9.0444, 13.2803,
7.6573

263.5111,
310.2367, 274.5206

4.8275, 7.6219,
3.7918


315.0601,


2.1801, 3.8539,


368.5645, 330.0578


1.5118

372.9282,
433.7801, 392.6215


 0.7322, 1.5922,
0.2267


 0.0000, 0.3523,
0.0000


 66.4594, 83.3847,
65.4154


 66.4594, 83.3847,
65.4154


 58.0218, 79.3300,
51.8016


 76.4113, 88.1744,
81.3848

 51.0182, 75.9640,
40.4267

 87.9396, 93.7216,
99.8078

 45.3707, 73.2516,
31.1726

 93.1673, 96.2346,
108.2724

 40.9916, 71.1503,
23.9080

■ 37.7828, 69.6128,
18.4872

■ 35.6317, 68.5845,
14.7445

■ 34.4039, 68.0003,
12.4847

■ 33.9279, 67.7749,
11.5586

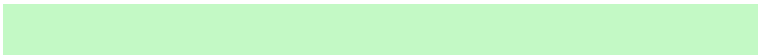
Harmonies

Analogous

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



72.6330, 83.3847, 53.6404



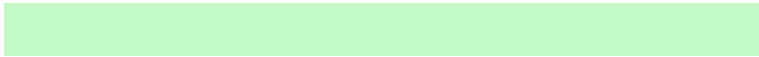
66.4594, 83.3847, 65.4154



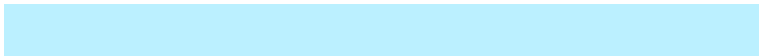
63.7351, 83.3847, 85.8741

Triad

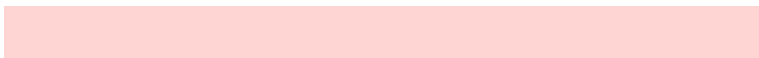
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4594, 83.3847, 65.4154



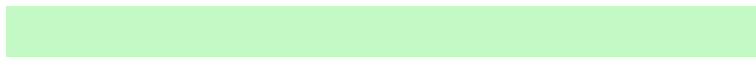
77.5184, 83.3847, 147.3494



95.5628, 83.3847, 72.6391

Complementary

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



66.4594, 83.3847, 65.4154



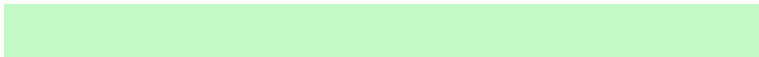
75.3734, 65.8872, 96.7442

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.



97.1089, 83.3847, 95.8937



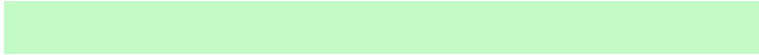
66.4594, 83.3847, 65.4154



86.2669, 83.3847, 142.0455

Square

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



66.4594, 83.3847, 65.4154



69.8121, 83.3847, 135.4011



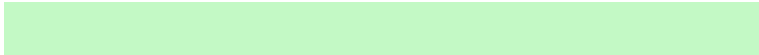
93.5950, 83.3847, 122.0050



89.5125, 83.3847, 57.2452

Rectangle

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



66.4594, 83.3847, 65.4154



64.0872, 83.3847, 102.9051



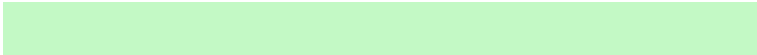
93.5950, 83.3847, 122.0050



96.6442, 83.3847, 79.6684

Sweetspot

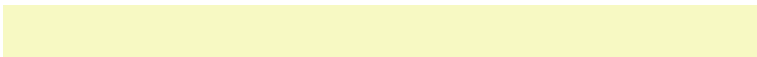
The Sweet Spot groups the original color and five complimentary colors.



66.4616, 83.3882, 65.4172



86.1401, 95.7123, 94.6779



82.1580, 91.5063, 64.9628



18.2815, 20.4113, 20.0156



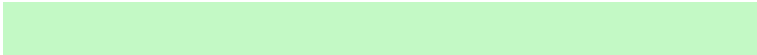
0.0000, 0.0000, 0.0000



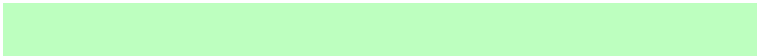
20.3446, 21.4041, 23.3091

Same Dimension

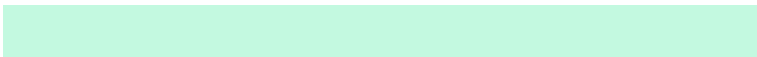
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4616, 83.3882, 65.4172



66.0931, 86.0690, 62.5100



69.8112, 84.7281, 83.0560



17.0434, 19.3196, 18.4294



18.1714, 36.2816, 6.2461



1.6919, 3.3638, 0.6252

Inverse Universe

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



75.3734, 65.8872, 96.7442



77.0301, 64.5890, 100.9548



71.5294, 64.3496, 76.5020



17.9636, 17.5128, 21.6642



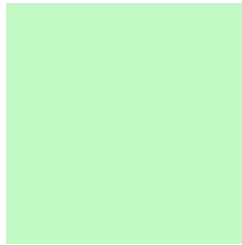
29.3253, 14.1459, 45.2831



2.7245, 1.3135, 4.2384

Previews

White Background



This preview shows how the XYZ color 66.4594, 83.3847, 65.4154 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 66.4594, 83.3847, 65.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

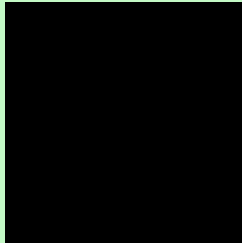
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

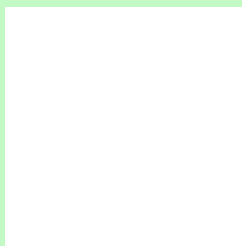
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4594, 83.3847, 65.4154

Background



This preview shows how black text looks on a background with the XYZ color 66.4594, 83.3847, 65.4154.



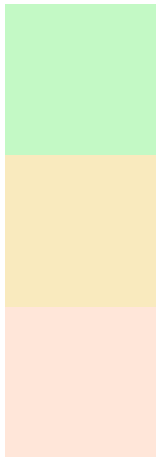
This preview shows how white text looks on a background with the XYZ color 66.4594, 83.3847,

65.4154.

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

66.4594, 83.3847, 65.4154

Protanopia

77.7840, 82.7031, 60.5788

Deuteranopia

82.0612, 82.8634, 77.3148



Tritanopia

76.0679, 82.9501, 106.6095

Trichromacy



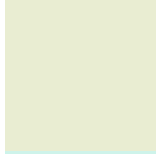
Original Color

66.4594, 83.3847, 65.4154



Protanomaly

72.8052, 82.2413, 62.4890



Deuteranomaly

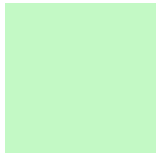
75.5213, 82.5452, 72.9252



Tritanomaly

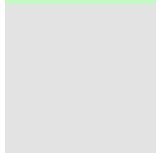
72.3555, 83.1635, 90.0805

Monochromacy



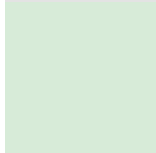
Original Color

66.4594, 83.3847, 65.4154



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.1273, 78.8216, 76.4837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4594, 83.3847, 65.4154 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(195, 249, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 249, 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(195, 249, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 249, 197) }
```

Border

The CSS property to change the border of an element to XYZ 66.4594, 83.3847, 65.4154 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(195, 249, 197) }
```


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

```
.border{ border-color:rgb(195, 249, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 249, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 249, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 249, 197); box-shadow:4px 4px 4px 4px rgb(195, 249, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4594, 83.3847, 65.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 249, 197) }
```

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

```
.background{ background-color: rgb(195,  
249, 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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