

Converting Colors

XYZ(66.7390, 83.9360, 68.0284)

Have a look what the booklet for
XYZ(66.7390, 83.9360, 68.0284)
contains.

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Color

**XYZ(66.7205, 83.9257,
67.9411)**

Conversions

Conversions Part 1	
Format	Color
Hex	C1FAC9
RGB	193, 250, 201
RGB Percent	76%, 98%, 79%
CMY	0.2431, 0.0196, 0.2118
CMYK	0.23, 0.00, 0.20, 0.02
HSL	128°, 85%, 87%
HSV	128°, 23%, 98%
XYZ	66.7205, 83.9257, 67.9411
YIQ	227.3710, -18.2430, -27.3230

Conversions

Conversions Part 2

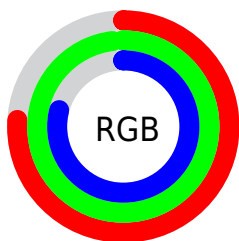
Format	Color
RYB	193, 243, 250
Decimal	12712649
CIELab	93.42, -27.26, 17.75
CIELCh	93, 32.529, 146.936
Yxy	83.9257, 0.3052, 0.3839
Android (android.graphics.Color)	4290902729 (0xFFC1FAC9)
YUV	227.3710, -13.0009, -30.1434
Hunter-Lab	91.6110, -30.3172, 20.1567

Details

The XYZ color **66.7205, 83.9257, 67.9411** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.5241, 64.8765, 92.6024**, and the grayscale version is **73.3868, 77.2086, 84.0802**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **34.8177, 45.6498, 34.5800** is the 20% darker color. If you saturate the color by 10%, you get **58.5243, 79.9748, 55.2712**, and if you desaturate by 10%, it is **76.3523, 88.5806, 82.5282**.

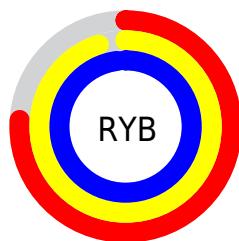
Distribution



Red (76%)

Green (98%)

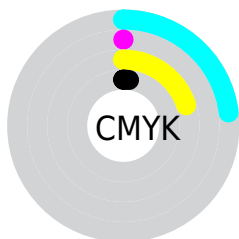
Blue (79%)



Red (76%)

Yellow (95%)

Blue (98%)

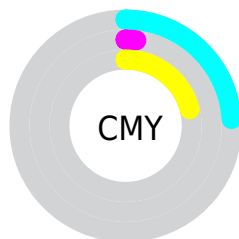


Cyan (23%)

Magenta (0%)

Yellow (20%)

Black (2%)



Cyan (24%)


Magenta (2%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7205, 83.9257, 67.9411 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 66.7205, 83.9257, 67.9411 by changing the saturation by 10% instead.


 66.7205, 83.9257,
67.9411

 66.7205, 83.9257,
67.9411


438.3974,
508.0665, 471.8797

 49.1274, 62.9541,
49.3834


 113.5718,
138.8712, 117.9213

 34.9355, 45.8041,
34.5560


143.5608,
173.6140, 150.1809

 23.7795, 32.0912,
23.0402


178.4123,
213.7158, 187.8449

 15.2940, 21.4312,
14.4176

218.4919,
259.5613, 231.3318

 9.1136, 13.4396,
8.2697

264.1649,
311.5347, 281.0602

 4.8731, 7.7319,
4.1777


315.7965,


 2.2070, 3.9239,


370.0204, 337.4487


1.7233


373.7522,
435.4029, 400.9156


 0.7464, 1.6311,
0.3767


 0.0000, 0.3784,
0.0000


 66.7205, 83.9257,
67.9411

 66.7205, 83.9257,
67.9411


 58.5243, 79.9748,
55.2712


 76.3523, 88.5806,
82.5282

 51.6882, 76.6834,
44.4335

 87.4771, 93.9603,
99.1018

 46.1399, 74.0186,
35.3448

 93.4772, 96.8545,
108.3757

 41.7979, 71.9402,
27.9134

■ 38.5710, 70.4034,
22.0391

■ 36.3548, 69.3566,
17.6110

■ 35.0246, 68.7382,
14.5033

■ 34.4919, 68.4964,
13.0003

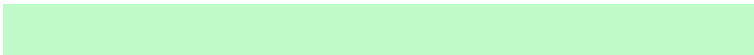
Harmonies

Analogous

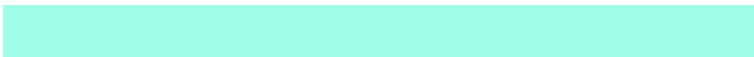
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5233, 83.9257, 55.3849



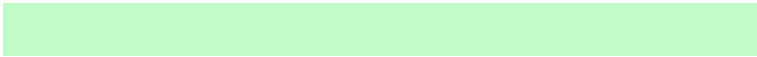
66.7205, 83.9257, 67.9411



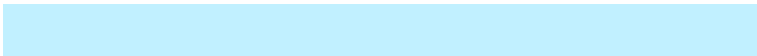
64.3961, 83.9257, 88.8771

Triad

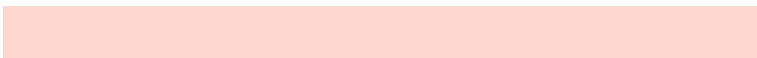
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7205, 83.9257, 67.9411



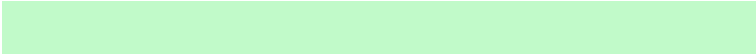
78.8898, 83.9257, 147.1775



95.4071, 83.9257, 71.5969

Complementary

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



66.7205, 83.9257, 67.9411



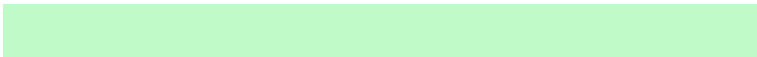
74.5241, 64.8765, 92.6024

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.



97.4119, 83.9257, 93.9312



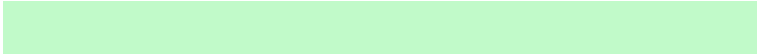
66.7205, 83.9257, 67.9411



87.4817, 83.9257, 140.3333

Square

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



66.7205, 83.9257, 67.9411



71.0984, 83.9257, 136.9965



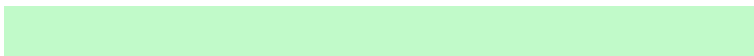
94.4163, 83.9257, 119.6729



89.1170, 83.9257, 57.2145

Rectangle

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



66.7205, 83.9257, 67.9411



64.9981, 83.9257, 105.8537



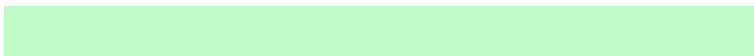
94.4163, 83.9257, 119.6729



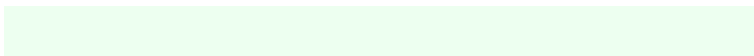
96.6232, 83.9257, 78.2912

Sweetspot

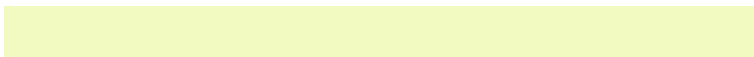
The Sweet Spot groups the original color and five complimentary colors.



66.7227, 83.9292, 67.9430



86.4122, 95.8212, 96.1108



80.5700, 91.1737, 63.8046



18.3443, 20.4364, 20.3462



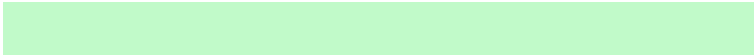
0.0000, 0.0000, 0.0000



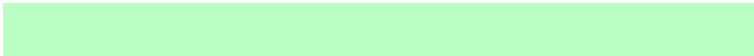
20.3446, 21.4041, 23.3091

Same Dimension

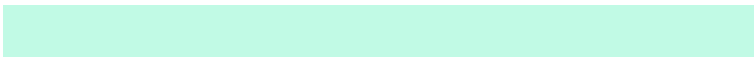
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7227, 83.9292, 67.9430



65.9887, 85.9549, 65.2263



70.3372, 85.3750, 86.9766



17.1166, 19.3489, 18.8145



18.3251, 36.3430, 7.0550



1.7265, 3.3777, 0.8076

Inverse Universe

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



74.5241, 64.8765, 92.6024



75.3634, 63.0542, 94.8544



70.6216, 63.3155, 72.0522



17.8821, 17.4802, 21.2349



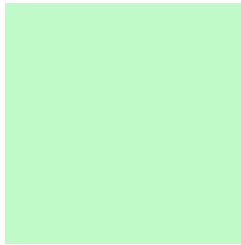
27.4526, 13.3968, 35.4215



2.5705, 1.2519, 3.4275

Previews

White Background



This preview shows how the XYZ color 66.7205, 83.9257, 67.9411 looks on a white background.

Color Contrast Check

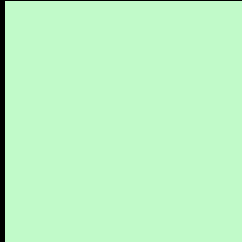
Large Text (above 18pt) WCAG AA × Fail

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 66.7205, 83.9257, 67.9411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

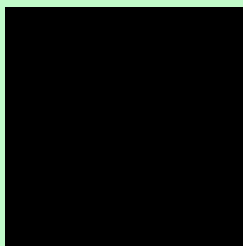
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

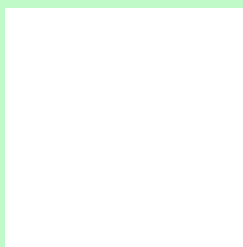
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7205, 83.9257, 67.9411

Background



This preview shows how black text looks on a background with the XYZ color 66.7205, 83.9257, 67.9411.

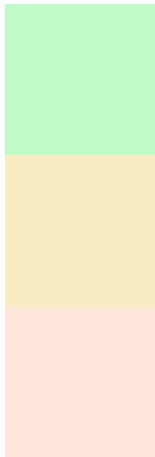


This preview shows how white text looks on a background with the XYZ color 66.7205, 83.9257,

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

66.7205, 83.9257, 67.9411

Protanopia

78.5129, 83.4514, 63.0086

Deuteranopia

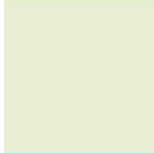
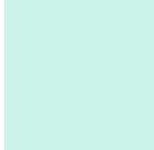
82.6021, 83.5263, 78.7864



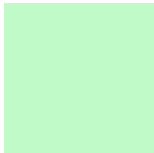
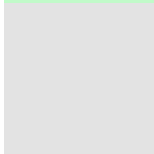
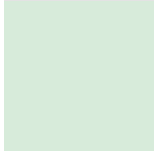
Tritanopia

76.3615, 83.5372, 106.7074

Trichromacy

	Original Color 66.7205, 83.9257, 67.9411
	Protanomaly 73.5512, 83.0094, 64.9692
	Deuteranomaly 75.7369, 83.0583, 74.3275
	Tritanomaly 72.5229, 83.6787, 90.9265

Monochromacy

	Original Color 66.7205, 83.9257, 67.9411
	Achromatopsia 73.0128, 76.8151, 83.6517
	Achromatomaly 70.3876, 78.9257, 77.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7205, 83.9257, 67.9411 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(193, 250, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 250, 201)  
}
```

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(193, 250, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 250, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.7205, 83.9257, 67.9411 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(193, 250, 201) }
```


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

```
.border{ border-color:rgb(193, 250, 201) }
```

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

Here you see how a box with a 4 pixel rgb(193, 250, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 250, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 250, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 250,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7205, 83.9257, 67.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 250, 201) }
```

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

```
.background{ background-color: rgb(193,  
250, 201) }
```

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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double the colors in the color bucket, and more
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