

Converting Colors

XYZ(66.2067, 85.2715, 69.8635)

Have a look what the booklet for
XYZ(66.2067, 85.2715, 69.8635)
contains.

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Color

**XYZ(66.3485, 85.5575,
70.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FECC
RGB	185, 254, 204
RGB Percent	73%, 100%, 80%
CMY	0.2745, 0.0039, 0.2000
CMYK	0.27, 0.00, 0.20, 0.00
HSL	137°, 97%, 86%
HSV	137°, 27%, 100%
XYZ	66.3485, 85.5575, 70.1441
YIQ	227.6690, -25.0740, -30.1780

Conversions

Conversions Part 2

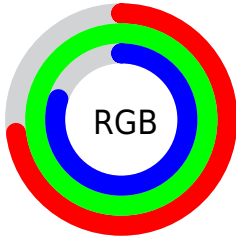
Format	Color
RYB	185, 239, 254
Decimal	12189388
CIELab	94.12, -31.13, 17.13
CIELCh	94, 35.530, 151.168
Yxy	85.5575, 0.2988, 0.3853
Android (android.graphics.Color)	4290379468 (0xFFB9FECC)
YUV	227.6690, -11.6688, -37.4207
Hunter-Lab	92.4973, -33.8319, 19.7863

Details

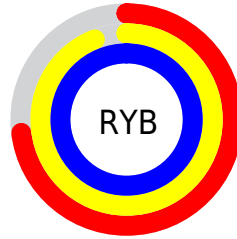
The XYZ color **66.3485, 85.5575, 70.1441** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.2203, 61.7689, 86.6643**, and the grayscale version is **73.5985, 77.4314, 84.3227**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **34.6772, 46.8803, 36.0753** is the 20% darker color. If you saturate the color by 10%, you get **58.6811, 81.8474, 58.9347**, and if you desaturate by 10%, it is **75.3761, 89.9435, 82.7828**.

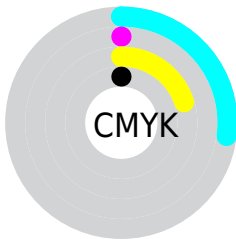
Distribution



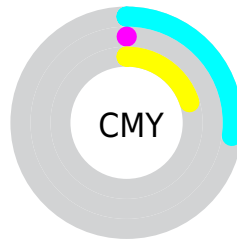
- Red (73%)
- Green (100%)
- Blue (80%)



- Red (73%)
- Yellow (94%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3485, 85.5575, 70.1441 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 66.3485, 85.5575, 70.1441 by changing the saturation by 10% instead.


 66.3485, 85.5575,
70.1441

 66.3485, 85.5575,
70.1441

437.0912,
513.4710, 479.8586

 48.8241, 64.3021,
51.1665


 113.0413,
141.1518, 121.0973

 34.6939, 46.8954,
35.9635


142.9405,
176.2596, 153.9099

 23.5926, 32.9530,
24.1165


177.6953,
216.7536, 192.1713

 15.1548, 22.0904,
15.2071

217.6711,
263.0182, 236.3000

 9.0151, 13.9234,
8.8166

263.2332,
315.4379, 286.7145

 4.8082, 8.0674,
4.5266

314.7470,

 2.1688, 4.1381,

374.3969, 343.8335

1.9184

372.5779,
440.2799, 408.0753

■ 0.7262, 1.7511,
0.5044

■ 0.0000, 0.4564,
0.0000

■ 66.3485, 85.5575,
70.1441

■ 66.3485, 85.5575,
70.1441

■ 58.6811, 81.8474,
58.9347

■ 75.3761, 89.9435,
82.7828

■ 52.2996, 78.7687,
49.0985

■ 85.8196, 95.0258,
96.8929

■ 47.1331, 76.2884,
40.5840

■ 94.7334, 99.3668,
108.7945

■ 43.1007, 74.3659,
33.3343

■ 40.1113, 72.9555,
27.2883

■ 38.0587, 72.0039,
22.3796

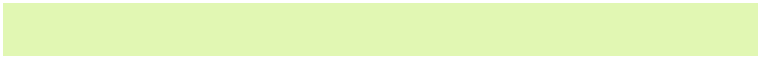
■ 36.8089, 71.4434,
18.5349

■ 36.5470, 71.3283,
17.6262

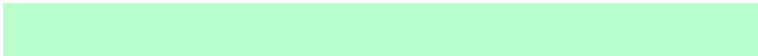
Harmonies

Analogous

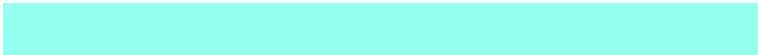
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2303, 85.5575, 55.1908



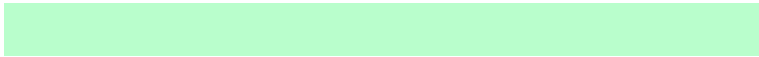
66.3485, 85.5575, 70.1441



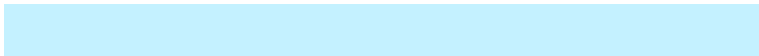
64.3947, 85.5575, 94.2273

Triad

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



66.3485, 85.5575, 70.1441



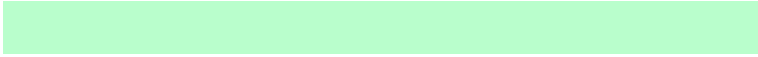
81.6925, 85.5575, 155.8383



97.9673, 85.5575, 68.6276

Complementary

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



66.3485, 85.5575, 70.1441



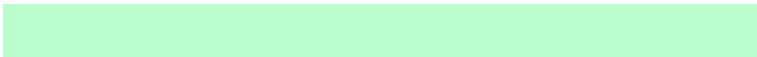
73.2203, 61.7689, 86.6643

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.



100.9777, 85.5575, 92.0960



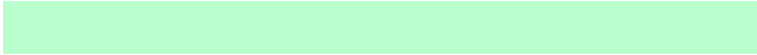
66.3485, 85.5575, 70.1441



91.1416, 85.5575, 145.4553

Square

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



66.3485, 85.5575, 70.1441



72.8274, 85.5575, 146.8942



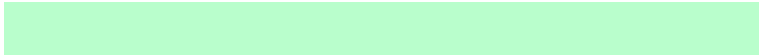
98.3892, 85.5575, 120.7232



90.4480, 85.5575, 54.4425

Rectangle

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



66.3485, 85.5575, 70.1441



65.4518, 85.5575, 113.3473



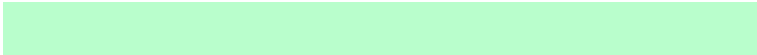
98.3892, 85.5575, 120.7232



99.5653, 85.5575, 75.5201

Sweetspot

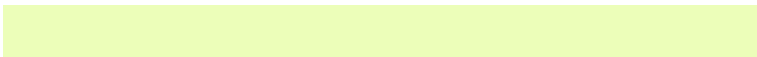
The Sweet Spot groups the original color and five complimentary colors.



66.3508, 85.5611, 70.1460



85.6495, 95.4183, 96.5107



78.6614, 92.1549, 59.5418



17.9770, 20.2503, 20.1821



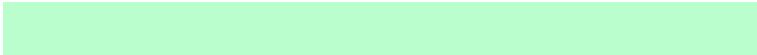
0.0000, 0.0000, 0.0000



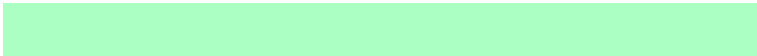
20.3446, 21.4041, 23.3091

Same Dimension

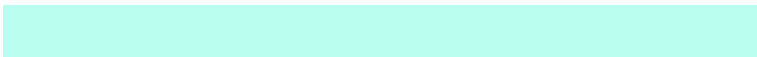
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3508, 85.5611, 70.1460



62.2619, 84.0571, 63.9944



70.8700, 87.3688, 93.9438



17.9770, 20.2503, 20.1821



19.3202, 37.6247, 9.5715



1.9249, 3.6809, 1.1623

Inverse Universe

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



73.2203, 61.7689, 86.6643



70.3158, 56.1457, 83.3478



68.7790, 59.9924, 63.2763



18.5667, 18.2100, 21.6015



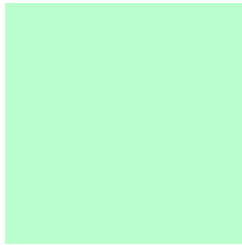
26.1790, 12.9609, 25.3907



2.5951, 1.2804, 2.7155

Previews

White Background



This preview shows how the XYZ color 66.3485, 85.5575, 70.1441 looks on a white background.

Color Contrast Check

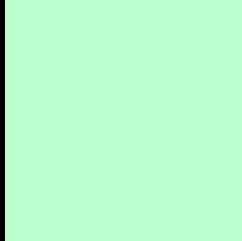
Large Text (above 18pt) WCAG AA × Fail

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 66.3485, 85.5575, 70.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

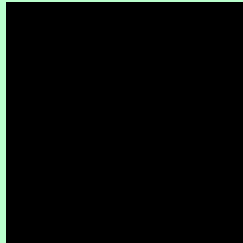
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3485, 85.5575, 70.1441

Background



This preview shows how black text looks on a background with the XYZ color 66.3485, 85.5575, 70.1441.

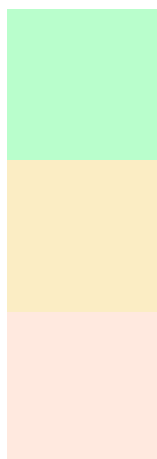


This preview shows how white text looks on a background with the XYZ color 66.3485, 85.5575,

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

66.3485, 85.5575, 70.1441

Protanopia

80.0317, 85.0631, 64.4253

Deuteranopia

83.6982, 84.8655, 81.7814



Tritanopia

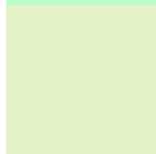
77.2427, 84.8704, 106.9182

Trichromacy



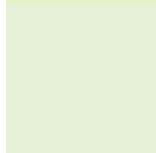
Original Color

66.3485, 85.5575, 70.1441



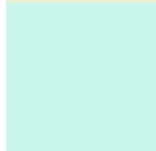
Protanomaly

74.0379, 84.5556, 66.4515



Deuteranomaly

76.4831, 84.6915, 77.2817



Tritanomaly

72.7247, 84.6642, 91.8657

Monochromacy



Original Color

66.3485, 85.5575, 70.1441



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.2217, 79.6799, 78.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3485, 85.5575, 70.1441 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(185, 254, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 204)  
}
```

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(185, 254, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 204) }
```

Border

The CSS property to change the border of an element to XYZ 66.3485, 85.5575, 70.1441 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(185, 254, 204) }
```


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

```
.border{ border-color:rgb(185, 254, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3485, 85.5575, 70.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 204) }
```

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

```
.background{ background-color: rgb(185,  
254, 204) }
```

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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