

Converting Colors

XYZ(92.1312, 138.6459,
77.5730)

Have a look what the booklet for
XYZ(92.1312, 138.6459, 77.5730)
contains.

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Color

**XYZ(65.7121, 85.7294,
68.9611)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFCA
RGB	182, 255, 202
RGB Percent	71%, 100%, 79%
CMY	0.2863, 0.0000, 0.2078
CMYK	0.29, 0.00, 0.21, 0.00
HSL	136°, 100%, 86%
HSV	136°, 29%, 100%
XYZ	65.7121, 85.7294, 68.9611
YIQ	227.1310, -26.4950, -31.9590

Conversions

Conversions Part 2

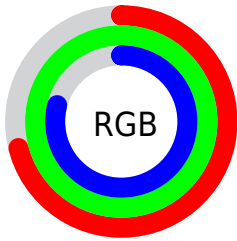
Format	Color
RYB	182, 239, 255
Decimal	11993034
CIELab	94.20, -32.87, 18.24
CIELCh	94, 37.588, 150.973
Yxy	85.7294, 0.2981, 0.3890
Android (android.graphics.Color)	4290183114 (0xFFB6FFCA)
YUV	227.1310, -12.3896, -39.5799
Hunter-Lab	92.5902, -35.3497, 20.6540

Details

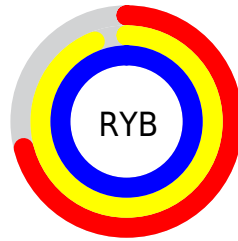
The XYZ color **65.7121, 85.7294, 68.9611** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9637, 60.7148, 86.4705**, and the grayscale version is **73.2098, 77.0224, 83.8774**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.2918, 47.0383, 35.2889** is the 20% darker color. If you saturate the color by 10%, you get **58.1658, 82.0774, 57.8437**, and if you desaturate by 10%, it is **74.6192, 90.0525, 81.5177**.

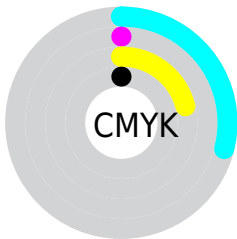
Distribution



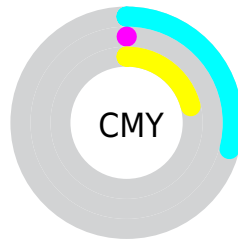
- Red (71%)
- Green (100%)
- Blue (79%)



- Red (71%)
- Yellow (94%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7121, 85.7294, 68.9611 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 65.7121, 85.7294, 68.9611 by changing the saturation by 10% instead.


 65.7121, 85.7294,
68.9611

 65.7121, 85.7294,
68.9611

434.8514,
514.0385, 475.5840

 48.3056, 64.4442,
50.2085


 112.1330,
141.3918, 119.3932

 34.2812, 47.0106,
35.2067


141.8782,
176.5378, 151.9097

 23.2736, 33.0440,
23.5373


176.4669,
217.0730, 189.8513

 14.9175, 22.1602,
14.7818

216.2645,
263.3815, 233.6365

 8.8474, 13.9746,
8.5214

261.6364,
315.8480, 283.6838

 4.6981, 8.1030,
4.3379

312.9480,

 2.1042, 4.1609,

374.8567, 340.4118

1.8125

370.5645,
440.7921, 404.2390

■ 0.6915, 1.7640,
0.4362

■ 0.0000, 0.4646,
0.0000

■ 65.7121, 85.7294,
68.9611

■ 65.7121, 85.7294,
68.9611

■ 58.1658, 82.0774,
57.8437

■ 74.6192, 90.0525,
81.5177

■ 51.9096, 79.0611,
48.1099

■ 84.9491, 95.0776,
95.5583

■ 46.8691, 76.6435,
39.7063

■ 95.0500, 100.0000,
108.9000

■ 42.9613, 74.7827,
32.5745

■ 40.0922, 73.4317,
26.6517

■ 38.1517, 72.5352,
21.8697

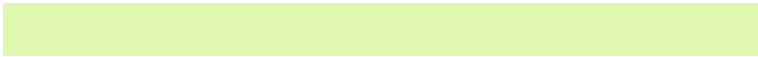
■ 36.9869, 72.0158,
18.1520

■ 36.8613, 71.9605,
17.7191

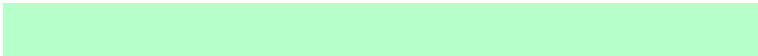
Harmonies

Analogous

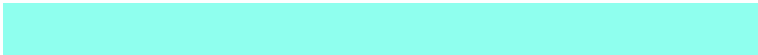
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9279, 85.7294, 53.4455



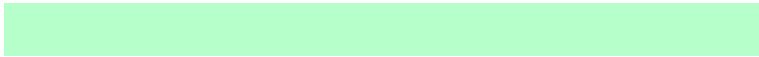
65.7121, 85.7294, 68.9611



63.6317, 85.7294, 94.2888

Triad

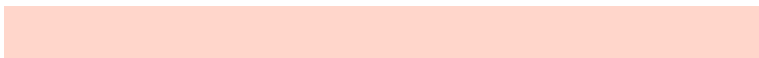
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7121, 85.7294, 68.9611



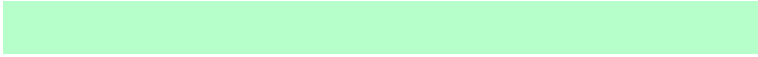
81.8122, 85.7294, 160.4169



99.2200, 85.7294, 67.6379

Complementary

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



65.7121, 85.7294, 68.9611



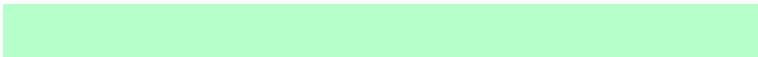
72.9637, 60.7148, 86.4705

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.



102.3955, 85.7294, 92.4070



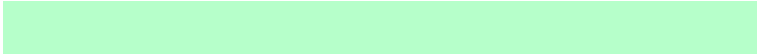
65.7121, 85.7294, 68.9611



91.8494, 85.7294, 149.3588

Square

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



65.7121, 85.7294, 68.9611



72.4528, 85.7294, 150.6496



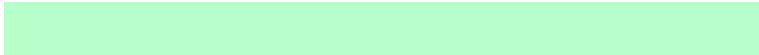
99.5951, 85.7294, 122.8893



91.2345, 85.7294, 52.7994

Rectangle

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



65.7121, 85.7294, 68.9611



64.7223, 85.7294, 114.6116



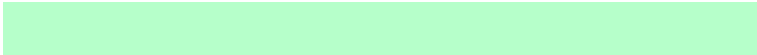
99.5951, 85.7294, 122.8893



100.9135, 85.7294, 74.8862

Sweetspot

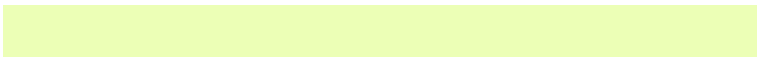
The Sweet Spot groups the original color and five complimentary colors.



65.7127, 85.7297, 68.9625



84.5373, 94.8771, 95.0070



78.6412, 92.6506, 57.9955



17.7550, 20.1424, 19.8798



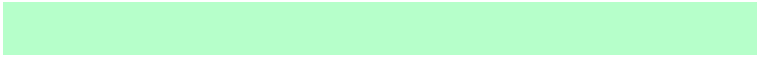
0.0000, 0.0000, 0.0000



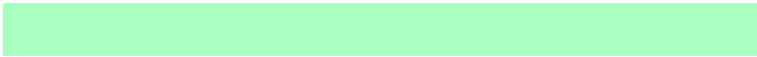
20.3446, 21.4041, 23.3091

Same Dimension

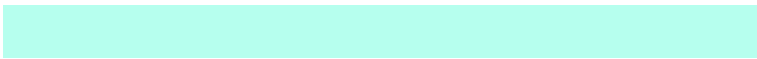
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7127, 85.7297, 68.9625



61.4929, 83.6860, 62.8128



70.4796, 87.6364, 94.0644



17.9760, 20.2499, 20.1766



19.3142, 37.6223, 9.5400



1.9242, 3.6806, 1.1587

Inverse Universe

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



72.9637, 60.7148, 86.4705



69.7566, 55.1596, 82.7536



68.2811, 58.8418, 61.8127



18.5678, 18.2104, 21.6073



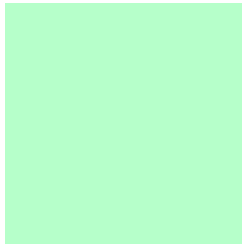
26.1981, 12.9685, 25.4913



2.5969, 1.2811, 2.7246

Previews

White Background



This preview shows how the XYZ color 65.7121, 85.7294, 68.9611 looks on a white background.

Color Contrast Check

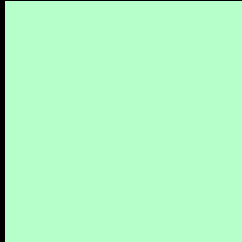
Large Text (above 18pt) WCAG AA × Fail

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 65.7121, 85.7294, 68.9611 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 65.7121, 85.7294, 68.9611

Background



This preview shows how black text looks on a background with the XYZ color 65.7121, 85.7294, 68.9611.

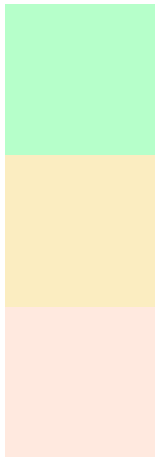


This preview shows how white text looks on a background with the XYZ color 65.7121, 85.7294,

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

65.7121, 85.7294, 68.9611

Protanopia

79.6935, 84.9279, 62.6445

Deuteranopia

83.6982, 84.8655, 81.7814



Tritanopia

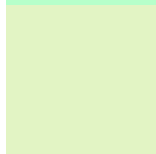
77.5412, 85.4673, 107.0177

Trichromacy



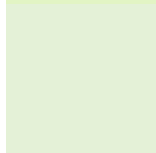
Original Color

65.7121, 85.7294, 68.9611



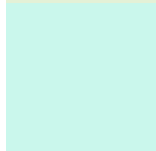
Protanomaly

73.6785, 84.8556, 64.7201



Deuteranomaly

75.7159, 84.3109, 76.5729



Tritanomaly

72.7582, 85.1342, 91.9547

Monochromacy



Original Color

65.7121, 85.7294, 68.9611



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.8030, 79.4792, 77.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7121, 85.7294, 68.9611 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(182, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 202)  
}
```

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(182, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.7121, 85.7294, 68.9611 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(182, 255, 202) }
```


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

```
.border{ border-color:rgb(182, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7121, 85.7294, 68.9611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 202) }
```

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

```
.background{ background-color: rgb(182,  
255, 202) }
```

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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