

Converting Colors

XYZ(65.6039, 85.7300, 66.4055)

Have a look what the booklet for
XYZ(65.6039, 85.7300, 66.4055)
contains.

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Color

**XYZ(65.7202, 85.7876,
66.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFC6
RGB	184, 255, 198
RGB Percent	72%, 100%, 78%
CMY	0.2784, 0.0000, 0.2235
CMYK	0.28, 0.00, 0.22, 0.00
HSL	132°, 100%, 86%
HSV	132°, 28%, 100%
XYZ	65.7202, 85.7876, 66.5209
YIQ	227.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

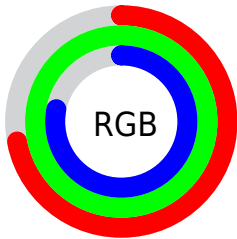
Format	Color
RYB	184, 243, 255
Decimal	12124102
CIELab	94.22, -32.96, 20.33
CIELCh	94, 38.723, 148.328
Yxy	85.7876, 0.3014, 0.3935
Android (android.graphics.Color)	4290314182 (0xFFB8FFC6)
YUV	227.2730, -14.4316, -37.9504
Hunter-Lab	92.6216, -35.4321, 22.2530

Details

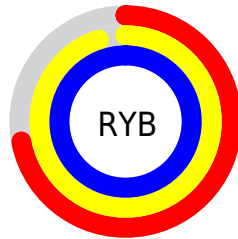
The XYZ color **65.7202, 85.7876, 66.5209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.2579, 61.8924, 91.2511**, and the grayscale version is **73.3263, 77.1449, 84.0108**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.2814, 47.0689, 33.6639** is the 20% darker color. If you saturate the color by 10%, you get **57.9482, 82.0356, 54.6531**, and if you desaturate by 10%, it is **74.9136, 90.2354, 80.1239**.

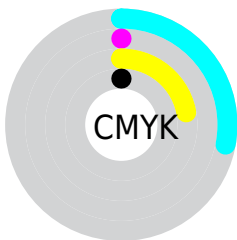
Distribution



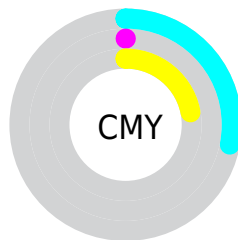
- Red (72%)
- Green (100%)
- Blue (78%)



- Red (72%)
- Yellow (95%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7202, 85.7876, 66.5209 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 65.7202, 85.7876, 66.5209 by changing the saturation by 10% instead.


 65.7202, 85.7876,
66.5209

 65.7202, 85.7876,
66.5209


434.8800,
514.2306, 466.6925

 48.3122, 64.4924,
48.2362


 112.1446,
141.4731, 115.8678

 34.2864, 47.0496,
33.6527


141.8917,
176.6320, 147.7670

 23.2777, 33.0748,
22.3517

176.4825,
217.1811, 185.0416

 14.9205, 22.1838,
13.9148

216.2824,
263.5045, 228.1100

 8.8496, 13.9920,
7.9233

261.6568,
315.9868, 277.3907

 4.6995, 8.1151,
3.9589

312.9709,

 2.1050, 4.1687,

375.0123, 333.3023

1.6028

370.5902,
440.9655, 396.2634

0.6919, 1.7684,
0.2928

0.0000, 0.4673,
0.0000

65.7202, 85.7876,
66.5209

65.7202, 85.7876,
66.5209

57.9482, 82.0356,
54.6531

74.9136, 90.2354,
80.1239

51.5240, 78.9430,
44.4467

85.5933, 95.4112,
95.5238

46.3697, 76.4713,
35.8287

95.0500, 100.0000,
108.9000

42.3990, 74.5776,
28.7187

■ 39.5141, 73.2133,
23.0298

■ 37.6011, 72.3217,
18.6655

■ 36.5113, 71.8285,
15.5170

■ 36.3419, 71.7528,
14.9842

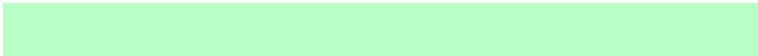
Harmonies

Analogous

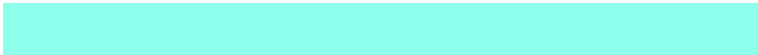
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4390, 85.7876, 51.6226



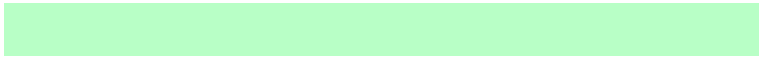
65.7202, 85.7876, 66.5209



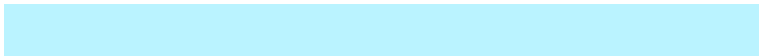
63.1891, 85.7876, 91.7520

Triad

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



65.7202, 85.7876, 66.5209



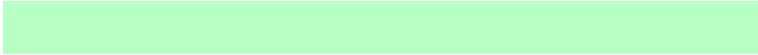
80.9582, 85.7876, 162.8973



100.3776, 85.7876, 68.8487

Complementary

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



65.7202, 85.7876, 66.5209



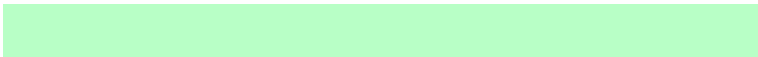
74.2579, 61.8924, 91.2511

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.



103.1352, 85.7876, 95.0840



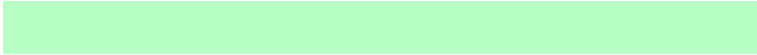
65.7202, 85.7876, 66.5209



91.3699, 85.7876, 153.2235

Square

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



65.7202, 85.7876, 66.5209



71.5119, 85.7876, 150.9180



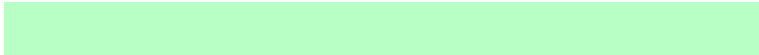
99.7109, 85.7876, 126.7103



92.4612, 85.7876, 52.7527

Rectangle

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



65.7202, 85.7876, 66.5209



64.0390, 85.7876, 112.5385



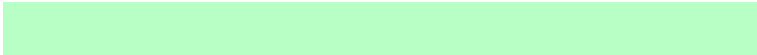
99.7109, 85.7876, 126.7103



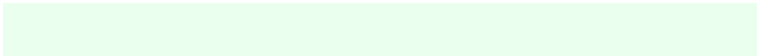
101.9667, 85.7876, 76.5787

Sweetspot

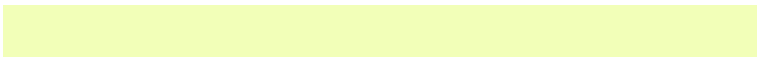
The Sweet Spot groups the original color and five complimentary colors.



65.7208, 85.7878, 66.5222



85.4133, 95.3239, 95.2671



81.0242, 93.8551, 59.1936



17.9180, 20.2267, 19.8710



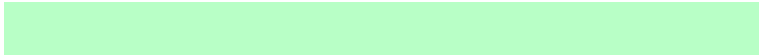
0.0000, 0.0000, 0.0000



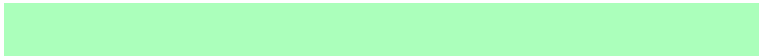
20.3446, 21.4041, 23.3091

Same Dimension

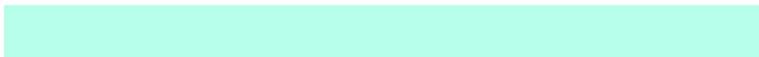
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7208, 85.7878, 66.5222



61.5392, 83.7680, 60.1888



70.1666, 87.5662, 89.9334



17.9180, 20.2267, 19.8710



19.0306, 37.5088, 8.0465



1.8892, 3.6666, 0.9746

Inverse Universe

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



74.2579, 61.8924, 91.2511



71.2669, 56.5261, 88.3564



69.5803, 60.0214, 66.6195



18.6301, 18.2353, 21.9351



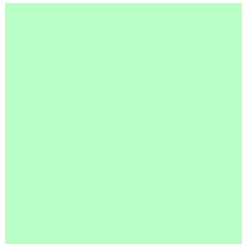
27.3429, 13.4265, 31.5201



2.6996, 1.3222, 3.2656

Previews

White Background



This preview shows how the XYZ color 65.7202, 85.7876, 66.5209 looks on a white background.

Color Contrast Check

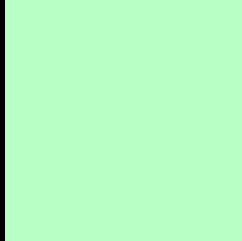
Large Text (above 18pt) WCAG AA × Fail

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 65.7202, 85.7876, 66.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

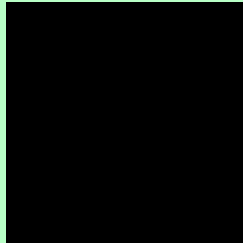
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

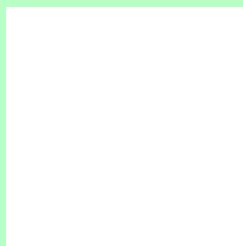
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7202, 85.7876, 66.5209

Background



This preview shows how black text looks on a background with the XYZ color 65.7202, 85.7876, 66.5209.

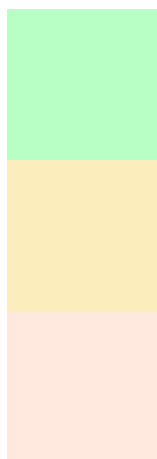


This preview shows how white text looks on a background with the XYZ color 65.7202, 85.7876,

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

65.7202, 85.7876, 66.5209

Protanopia

79.6144, 84.9379, 60.3426

Deuteranopia

83.5637, 84.8118, 81.0733



Tritanopia

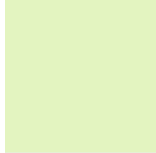
77.8321, 85.6173, 107.0313

Trichromacy



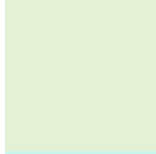
Original Color

65.7202, 85.7876, 66.5209



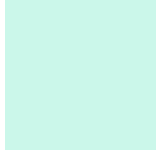
Protanomaly

73.5437, 84.8380, 62.3684



Deuteranomaly

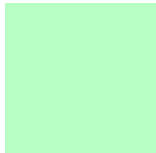
75.7786, 84.3727, 75.2424



Tritanomaly

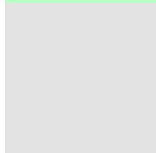
72.7406, 85.1586, 90.4453

Monochromacy



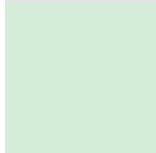
Original Color

65.7202, 85.7876, 66.5209



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.5428, 79.3751, 76.6214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7202, 85.7876, 66.5209 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(184, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 198)  
}
```

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(184, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.7202, 85.7876, 66.5209 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(184, 255, 198) }
```


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

```
.border{ border-color:rgb(184, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7202, 85.7876, 66.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 198) }
```

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

```
.background{ background-color: rgb(184,  
255, 198) }
```

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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