

Converting Colors

XYZ(64.5915, 85.3692, 59.0805)

Have a look what the booklet for
XYZ(64.5915, 85.3692, 59.0805)
contains.

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Color

**XYZ(64.5245, 85.3371,
58.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFB9
RGB	185, 255, 185
RGB Percent	73%, 100%, 73%
CMY	0.2745, 0.0000, 0.2745
CMYK	0.27, 0.00, 0.27, 0.00
HSL	120°, 100%, 86%
HSV	120°, 27%, 100%
XYZ	64.5245, 85.3371, 58.9698
YIQ	226.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

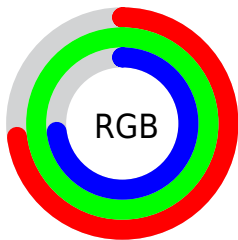
Format	Color
RYB	185, 255, 255
Decimal	12189625
CIELab	94.03, -34.82, 26.68
CIELCh	94, 43.866, 142.541
Yxy	85.3371, 0.3090, 0.4086
Android (android.graphics.Color)	4290379705 (0xFFB9FFB9)
YUV	226.0900, -20.2574, -36.0359
Hunter-Lab	92.3781, -36.9825, 26.8167

Details

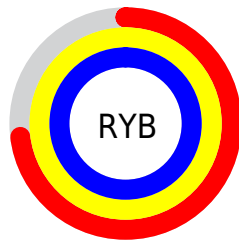
The XYZ color **64.5245, 85.3371, 58.9698** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.6390, 63.1782, 102.7619**, and the grayscale version is **72.5053, 76.2812, 83.0702**.

A 20% lighter version of the original color is **88.2551, 96.7481, 97.2418**, and **33.5649, 46.7999, 29.0940** is the 20% darker color. If you saturate the color by 10%, you get **56.4594, 81.4629, 45.7783**, and if you desaturate by 10%, it is **74.1767, 89.9735, 74.7582**.

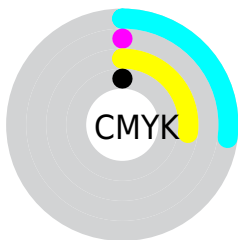
Distribution



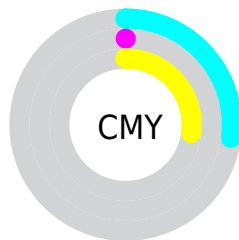
- Red (73%)
- Green (100%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5245, 85.3371, 58.9698 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 64.5245, 85.3371, 58.9698 by changing the saturation by 10% instead.

64.5245, 85.3371,
58.9698

64.5245, 85.3371,
58.9698

430.6535,
512.7429, 438.4888

47.3389, 64.1200,
42.1690

110.4355,
140.8441, 104.8625

33.5127, 46.7478,
28.9071

139.8915,
175.9027, 134.7914

22.6806, 32.8364,
18.7655

174.1685,
216.3439, 169.9334

14.4772, 22.0011,
11.3259

213.6316,
262.5521, 210.7070

8.5373, 13.8577,
6.1696

258.6464,
314.9117, 257.5308

4.4953, 8.0218,
2.8780

309.5780,

1.9860, 4.1089,

373.8071, 310.8234

1.0327

366.7919,
439.6227, 371.0032

■ 0.6261, 1.7347,
0.0000

■ 0.0000, 0.4459,
0.0000

■ 64.5245, 85.3371,
58.9698

■ 64.5245, 85.3371,
58.9698

■ 56.4594, 81.4629,
45.7783

■ 74.1767, 89.9735,
74.7582

■ 49.8950, 78.3097,
35.0410

■ 85.4929, 95.4092,
93.2678

■ 44.7391, 75.8331,
26.6076

95.0500, 100.0000,
108.9000

■ 40.8889, 73.9836,
20.3097

■ 38.2272, 72.7051,
15.9559

■ 36.6165, 71.9314,
13.3211

■ 35.8770, 71.5762,
12.1115

■ 35.7600, 71.5200,
11.9201

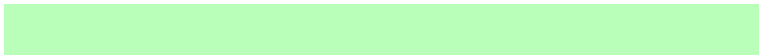
Harmonies

Analogous

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



72.7849, 85.3371, 45.1938



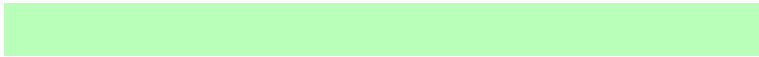
64.5245, 85.3371, 58.9698



60.7783, 85.3371, 84.7984

Triad

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



64.5245, 85.3371, 58.9698



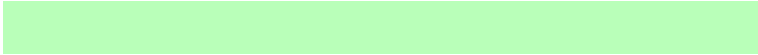
78.2235, 85.3371, 172.6028



103.7240, 85.3371, 70.3340

Complementary

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



64.5245, 85.3371, 58.9698



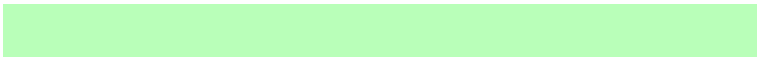
76.6390, 63.1782, 102.7619

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.



105.5357, 85.3371, 101.5391



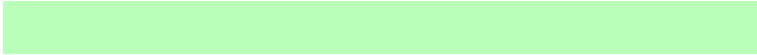
64.5245, 85.3371, 58.9698



90.0476, 85.3371, 166.0703

Square

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



64.5245, 85.3371, 58.9698



68.1775, 85.3371, 154.0489



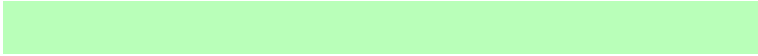
100.3196, 85.3371, 137.8920



95.5833, 85.3371, 50.5691

Rectangle

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



64.5245, 85.3371, 58.9698



61.0646, 85.3371, 107.6280



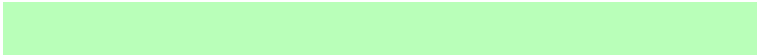
100.3196, 85.3371, 137.8920



105.1232, 85.3371, 79.6126

Sweetspot

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



64.5250, 85.3373, 58.9711



84.8267, 95.0892, 92.1781



85.7571, 96.2828, 59.9640



17.7717, 20.1682, 19.1006



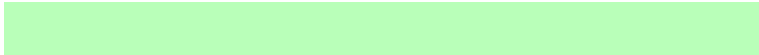
0.0000, 0.0000, 0.0000



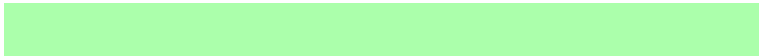
20.3446, 21.4041, 23.3091

Same Dimension

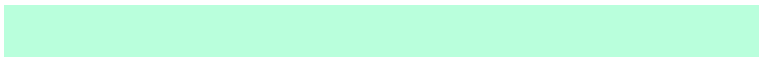
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.5250, 85.3373, 58.9711



59.8585, 83.0957, 51.3381



68.6861, 87.0017, 80.8834



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



76.6390, 63.1782, 102.7619



73.8243, 57.5491, 101.8235



71.5075, 61.1257, 75.7401



18.7927, 18.3004, 22.7917



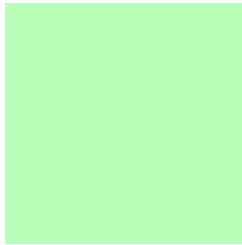
30.9799, 14.8813, 50.6721



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 64.5245, 85.3371, 58.9698 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 64.5245, 85.3371, 58.9698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

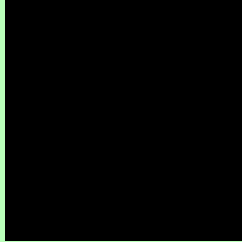
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5245, 85.3371, 58.9698

Background



This preview shows how black text looks on a background with the XYZ color 64.5245, 85.3371, 58.9698.



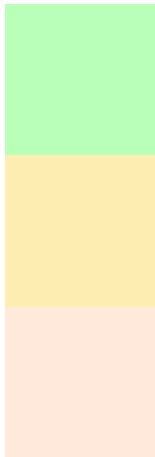
This preview shows how white text looks on a background with the XYZ color 64.5245, 85.3371,

58.9698.

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

64.5245, 85.3371, 58.9698

Protanopia

79.0930, 84.8135, 53.7970

Deuteranopia

83.0338, 84.5998, 78.2827



Tritanopia

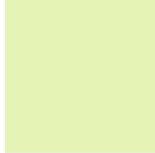
77.5337, 85.0204, 106.9319

Trichromacy



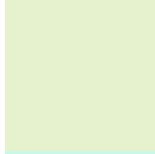
Original Color

64.5245, 85.3371, 58.9698



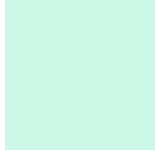
Protanomaly

72.9020, 84.6547, 55.6777



Deuteranomaly

75.2290, 84.1898, 70.6778



Tritanomaly

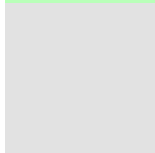
72.1723, 84.9312, 87.4524

Monochromacy



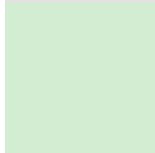
Original Color

64.5245, 85.3371, 58.9698



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

68.9060, 79.1204, 73.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5245, 85.3371, 58.9698 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, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 185)  
}
```

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, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 185) }
```

Border

The CSS property to change the border of an element to XYZ 64.5245, 85.3371, 58.9698 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, 255, 185) }
```


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

```
.border{ border-color:rgb(185, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5245, 85.3371, 58.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 185) }
```

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

```
.background{ background-color: rgb(185,  
255, 185) }
```

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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