

Converting Colors

XYZ(65.7026, 85.9924, 56.8565)

Have a look what the booklet for
XYZ(65.7026, 85.9924, 56.8565)
contains.

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Color

**XYZ(65.5863, 85.9326,
56.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFF85
RGB	191, 255, 181
RGB Percent	75%, 100%, 71%
CMY	0.2510, 0.0000, 0.2902
CMYK	0.25, 0.00, 0.29, 0.00
HSL	112°, 100%, 85%
HSV	112°, 29%, 100%
XYZ	65.5863, 85.9326, 56.8459
YIQ	227.4280, -14.3900, -36.5820

Conversions

Conversions Part 2

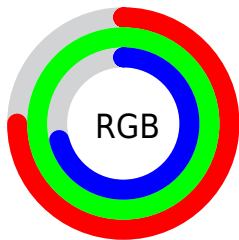
Format	Color
RYB	181, 255, 245
Decimal	12582837
CIELab	94.28, -33.52, 29.10
CIELCh	94, 44.392, 139.040
Yxy	85.9326, 0.3148, 0.4124
Android (android.graphics.Color)	4290772917 (0xFFBFFF5)
YUV	227.4280, -22.8890, -31.9474
Hunter-Lab	92.6998, -35.9337, 28.5317

Details

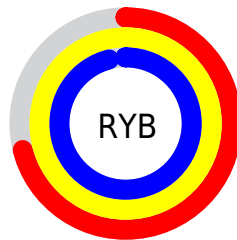
The XYZ color **65.5863, 85.9326, 56.8459** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.2311, 59.6815, 102.3204**, and the grayscale version is **73.4939, 77.3213, 84.2029**.

A 20% lighter version of the original color is **89.7575, 97.5909, 94.2270**, and **34.2437, 47.1809, 27.7241** is the 20% darker color. If you saturate the color by 10%, you get **58.0693, 82.3325, 44.0632**, and if you desaturate by 10%, it is **74.4183, 90.1551, 72.1924**.

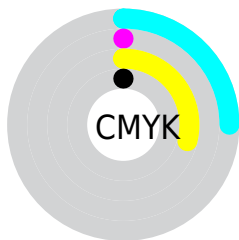
Distribution



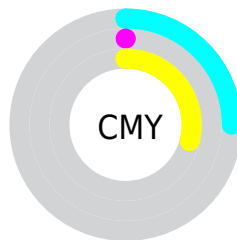
- Red (75%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5863, 85.9326, 56.8459 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 65.5863, 85.9326, 56.8459 by changing the saturation by 10% instead.

65.5863, 85.9326,
56.8459

65.5863, 85.9326,
56.8459

434.4079,
514.7089, 430.3492

48.2031, 64.6122,
40.4730

111.9534,
141.6754, 101.7384

34.1997, 47.1467,
27.5909

141.6680,
176.8667, 131.0951

23.2107, 33.1517,
17.7812

176.2238,
217.4504, 165.6168

14.8707, 22.2427,
10.6252

215.9861,
263.8109, 205.7220

8.8144, 14.0353,
5.7044

261.3203,
316.3326, 251.8293

4.6765, 8.1452,
2.6003

312.5918,

2.0915, 4.1880,

375.3999, 304.3573

0.8926

370.1658,
441.3972, 363.7244

0.6846, 1.7793,
0.0000

0.0000, 0.4742,
0.0000

65.5863, 85.9326,
56.8459

65.5863, 85.9326,
56.8459

58.0693, 82.3325,
44.0632

74.4183, 90.1551,
72.1924

51.8026, 79.3248,
33.7008

84.6230, 95.0272,
90.2276

46.7180, 76.8775,
25.6074

95.0500, 100.0000,
108.9000

42.7400, 74.9553,
19.6128

■ 39.7843, 73.5190,
15.5228

■ 37.7540, 72.5237,
13.1074

■ 36.5231, 71.9118,
12.0273

■ 36.4348, 71.8679,
11.9516

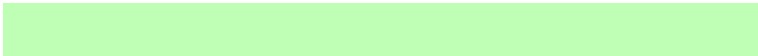
Harmonies

Analogous

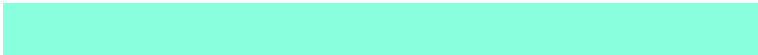
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4366, 85.9326, 44.2835



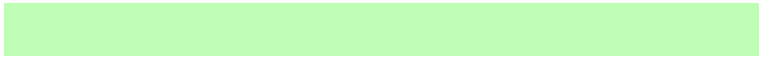
65.5863, 85.9326, 56.8459



61.2080, 85.9326, 81.6513

Triad

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



65.5863, 85.9326, 56.8459



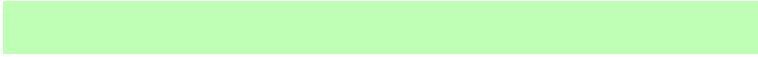
77.4026, 85.9326, 173.7777



105.2726, 85.9326, 73.7741

Complementary

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



65.5863, 85.9326, 56.8459



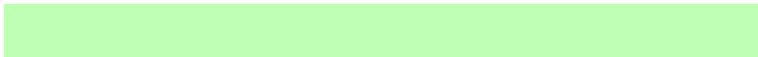
72.2311, 59.6815, 102.3204

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.



106.2640, 85.9326, 106.5868



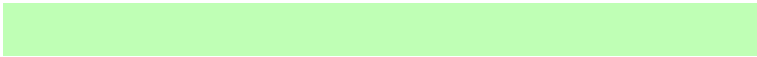
65.5863, 85.9326, 56.8459



89.3709, 85.9326, 170.1917

Square

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



65.5863, 85.9326, 56.8459



67.5757, 85.9326, 152.2927



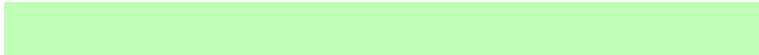
100.2037, 85.9326, 143.4355



97.6136, 85.9326, 52.2896

Rectangle

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



65.5863, 85.9326, 56.8459



61.0982, 85.9326, 104.2451



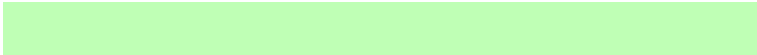
100.2037, 85.9326, 143.4355



106.4228, 85.9326, 83.6423

Sweetspot

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



65.5868, 85.9328, 56.8472



84.6434, 95.0369, 90.2639



81.9014, 89.2377, 56.6252



17.7806, 20.1812, 18.7216



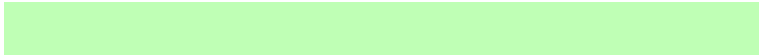
0.0000, 0.0000, 0.0000



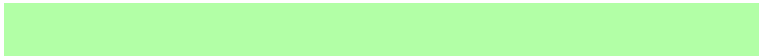
20.3446, 21.4041, 23.3091

Same Dimension

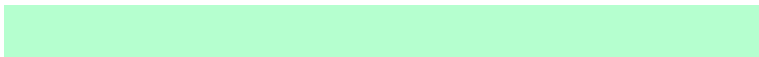
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5868, 85.9328, 56.8472



60.9364, 83.7064, 48.9015



66.0670, 85.8442, 72.0559



17.9997, 20.2858, 19.1112



19.1073, 37.5883, 6.2482



1.9272, 3.6942, 0.6115

Inverse Universe

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



72.2311, 59.6815, 102.3204



68.5825, 53.4458, 101.3091



71.9213, 59.9715, 81.9876



18.5371, 18.1686, 22.7798



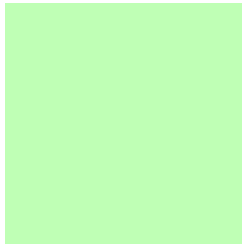
25.0337, 11.8158, 50.3958



2.5013, 1.1834, 4.9099

Previews

White Background



This preview shows how the XYZ color 65.5863, 85.9326, 56.8459 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 65.5863, 85.9326, 56.8459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

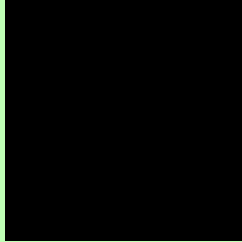
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

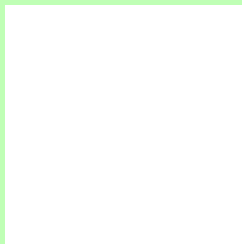
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5863, 85.9326, 56.8459

Background



This preview shows how black text looks on a background with the XYZ color 65.5863, 85.9326, 56.8459.

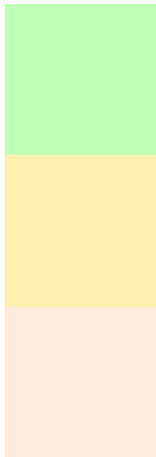


This preview shows how white text looks on a background with the XYZ color 65.5863, 85.9326,

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

65.5863, 85.9326, 56.8459

Protanopia

79.6510, 85.5437, 53.3878

Deuteranopia

83.4490, 85.2201, 79.0687



Tritanopia

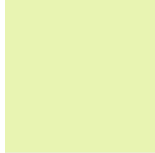
78.4174, 85.4760, 106.9732

Trichromacy



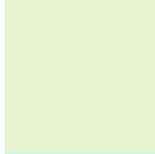
Original Color

65.5863, 85.9326, 56.8459



Protanomaly

73.6653, 85.0715, 54.6574



Deuteranomaly

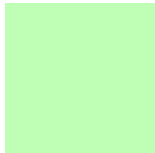
76.0503, 85.0678, 70.1691



Tritanomaly

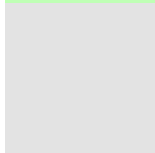
73.2768, 85.5329, 86.0462

Monochromacy



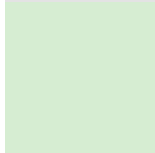
Original Color

65.5863, 85.9326, 56.8459



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.6486, 79.5177, 72.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5863, 85.9326, 56.8459 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(191, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 181)  
}
```

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(191, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.5863, 85.9326, 56.8459 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(191, 255, 181) }
```


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

```
.border{ border-color:rgb(191, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 255, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 255, 181); box-shadow:4px 4px 4px 4px rgb(191, 255, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5863, 85.9326, 56.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 181) }
```

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

```
.background{ background-color: rgb(191,  
255, 181) }
```

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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