

Converting Colors

XYZ(65.0653, 85.6632, 56.8559)

Have a look what the booklet for
XYZ(65.0653, 85.6632, 56.8559)
contains.

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Color

**XYZ(65.0868, 85.6750,
56.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFB5</code>
RGB	189, 255, 181
RGB Percent	74%, 100%, 71%
CMY	0.2588, 0.0000, 0.2902
CMYK	0.26, 0.00, 0.29, 0.00
HSL	114°, 100%, 85%
HSV	114°, 29%, 100%
XYZ	65.0868, 85.6750, 56.8226
YIQ	226.8300, -15.5820, -37.0060

Conversions

Conversions Part 2

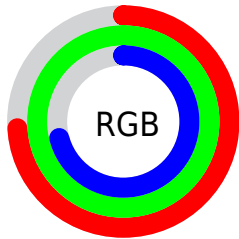
Format	Color
RYB	181, 255, 247
Decimal	12451765
CIELab	94.17, -34.17, 28.93
CIELCh	94, 44.776, 139.747
Yxy	85.6750, 0.3135, 0.4127
Android (android.graphics.Color)	4290641845 (0xFFBDFFB5)
YUV	226.8300, -22.5942, -33.1769
Hunter-Lab	92.5608, -36.4639, 28.3947

Details

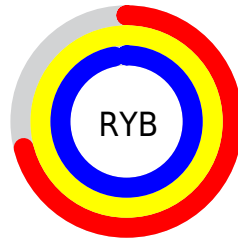
The XYZ color **65.0868, 85.6750, 56.8226** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9326, 60.0431, 102.3533**, and the grayscale version is **73.0569, 76.8615, 83.7022**.

A 20% lighter version of the original color is **89.0521, 97.2273, 94.1940**, and **33.9219, 47.0150, 27.7090** is the 20% darker color. If you saturate the color by 10%, you get **57.4987, 82.0384, 44.0366**, and if you desaturate by 10%, it is **74.0396, 89.9599, 72.1748**.

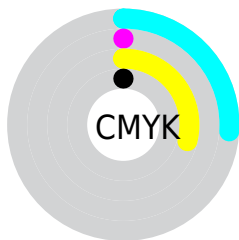
Distribution



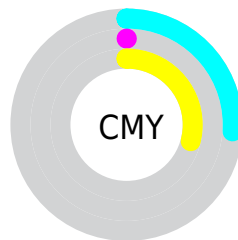
- Red (74%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (97%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0868, 85.6750, 56.8226 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 65.0868, 85.6750, 56.8226 by changing the saturation by 10% instead.

65.0868, 85.6750,
56.8226

65.0868, 85.6750,
56.8226

432.6441,
513.8590, 430.2593

47.7964, 64.3993,
40.4544

111.2397,
141.3159, 101.7041

33.8763, 46.9741,
27.5765

140.8328,
176.4498, 131.0544

22.9610, 33.0152,
17.7704

175.2577,
216.9719, 165.5692

14.6853, 22.1381,
10.6176

214.8795,
263.2666, 205.6671

8.6837, 13.9584,
5.6994

260.0637,
315.7182, 251.7665

4.5909, 8.0917,
2.5973

311.1757,

2.0415, 4.1537,

374.7112, 304.2859

0.8911

368.5807,
440.6300, 363.6441

■ 0.6571, 1.7599,
0.0000

■ 0.0000, 0.4620,
0.0000

■ 65.0868, 85.6750,
56.8226

■ 65.0868, 85.6750,
56.8226

■ 57.4987, 82.0384,
44.0366

■ 74.0396, 89.9599,
72.1748

■ 51.2064, 79.0174,
33.6730

■ 84.4181, 94.9216,
90.2182

■ 46.1373, 76.5781,
25.5803

95.0500, 100.0000,
108.9000

■ 42.2113, 74.6827,
19.5881

■ 39.3381, 73.2890,
15.5019

■ 37.4138, 72.3483,
13.0915

■ 36.3032, 71.7984,
12.0170

■ 36.2271, 71.7608,
11.9419

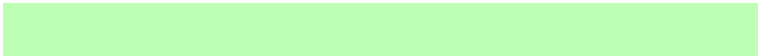
Harmonies

Analogous

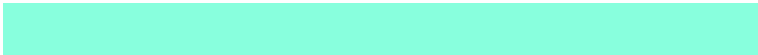
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8944, 85.6750, 43.9535



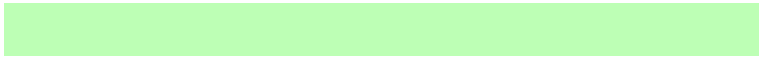
65.0868, 85.6750, 56.8226



60.8034, 85.6750, 82.0293

Triad

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



65.0868, 85.6750, 56.8226



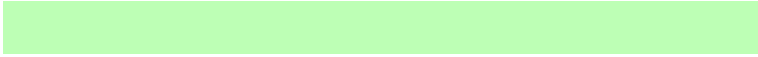
77.4000, 85.6750, 174.4205



105.0916, 85.6750, 72.7254

Complementary

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



65.0868, 85.6750, 56.8226



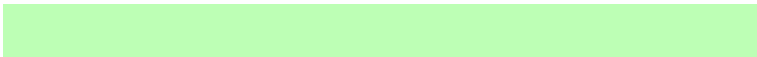
72.9326, 60.0431, 102.3533

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.



106.2656, 85.6750, 105.5270



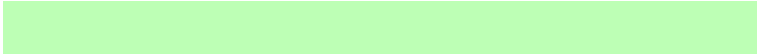
65.0868, 85.6750, 56.8226



89.4644, 85.6750, 170.1668

Square

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



65.0868, 85.6750, 56.8226



67.4362, 85.6750, 153.2319



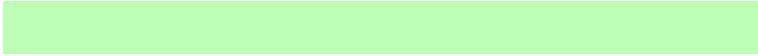
100.3063, 85.6750, 142.7333



97.2404, 85.6750, 51.4536

Rectangle

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



65.0868, 85.6750, 56.8226



60.7744, 85.6750, 104.9051



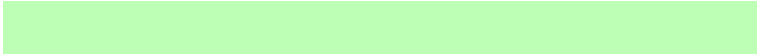
100.3063, 85.6750, 142.7333



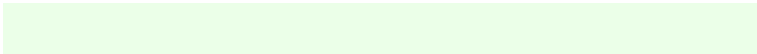
106.3078, 85.6750, 82.5572

Sweetspot

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



65.0873, 85.6753, 56.8239



84.4388, 94.9314, 90.2544



82.6482, 90.7313, 56.8743



17.7306, 20.1554, 18.7192



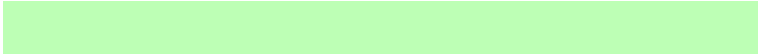
0.0000, 0.0000, 0.0000



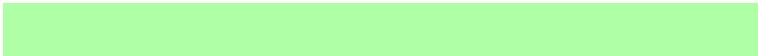
20.3446, 21.4041, 23.3091

Same Dimension

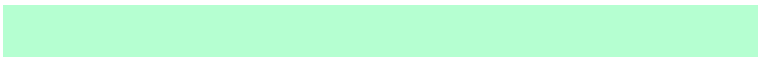
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0873, 85.6753, 56.8239



60.3886, 83.4240, 48.8759



66.3709, 85.9658, 73.6558



17.9538, 20.2621, 19.1090



18.9878, 37.5266, 6.2426



1.9056, 3.6831, 0.6105

Inverse Universe

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



72.9326, 60.0431, 102.3533



69.4201, 53.8776, 101.3483



71.5791, 59.8346, 80.1853



18.5879, 18.1948, 22.7822



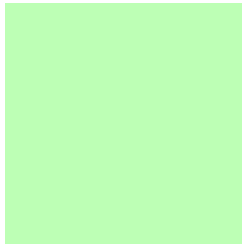
26.1340, 12.3831, 50.4473



2.5976, 1.2330, 4.9144

Previews

White Background



This preview shows how the XYZ color 65.0868, 85.6750, 56.8226 looks on a white background.

Color Contrast Check

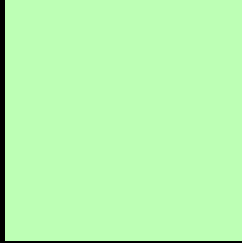
Large Text (above 18pt) WCAG AA × Fail

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 65.0868, 85.6750, 56.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

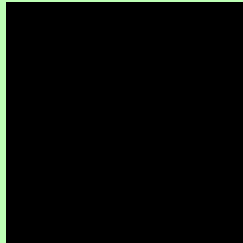
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0868, 85.6750, 56.8226

Background



This preview shows how black text looks on a background with the XYZ color 65.0868, 85.6750, 56.8226.



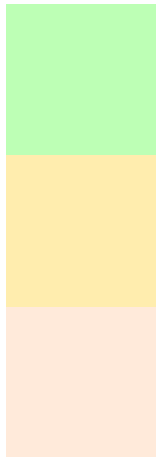
This preview shows how white text looks on a background with the XYZ color 65.0868, 85.6750,

56.8226.

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

65.0868, 85.6750, 56.8226

Protanopia

79.1642, 84.8844, 52.2563

Deuteranopia

83.3177, 85.1676, 78.3773



Tritanopia

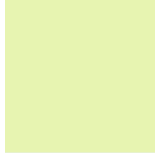
78.1210, 85.3232, 106.9593

Trichromacy



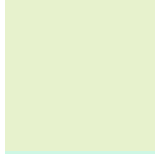
Original Color

65.0868, 85.6750, 56.8226



Protanomaly

73.2415, 84.8646, 54.1152



Deuteranomaly

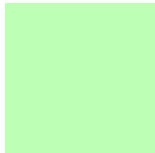
75.7266, 84.9010, 70.1539



Tritanomaly

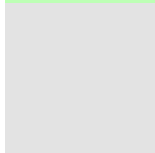
72.7180, 85.2448, 86.0200

Monochromacy



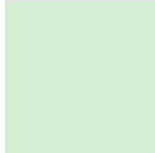
Original Color

65.0868, 85.6750, 56.8226



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.3576, 79.3677, 72.6367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0868, 85.6750, 56.8226 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(189, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.0868, 85.6750, 56.8226 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(189, 255, 181) }
```


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

```
.border{ border-color:rgb(189, 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(189, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0868, 85.6750, 56.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 181) }
```

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

```
.background{ background-color: rgb(189,  
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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