

Converting Colors

XYZ(65.9499, 85.9394, 65.0201)

Have a look what the booklet for
XYZ(65.9499, 85.9394, 65.0201)
contains.

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Color

**XYZ(65.8600, 85.8992,
64.7388)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BAFFC3 |
| RGB | 186, 255, 195 |
| RGB Percent | 73%, 100%, 76% |
| CMY | 0.2706, 0.0000, 0.2353 |
| CMYK | 0.27, 0.00, 0.24, 0.00 |
| HSL | 128°, 100%, 86% |
| HSV | 128°, 27%, 100% |
| XYZ | 65.8600, 85.8992, 64.7388 |
| YIQ | 227.5290, -21.8640, -33.2880 |

Conversions

Conversions Part 2

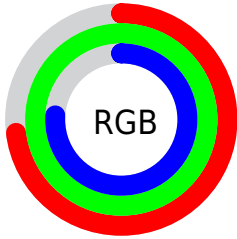
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 186, 247, 255 |
| Decimal | 12255171 |
| CIELab | 94.27, -32.85, 21.94 |
| CIELCh | 94, 39.503, 146.257 |
| Yxy | 85.8992, 0.3042, 0.3968 |
| Android (android.graphics.Color) | 4290445251 (0xFFBAFFC3) |
| YUV | 227.5290, -16.0368, -36.4209 |
| Hunter-Lab | 92.6818, -35.3505, 23.4629 |

Details

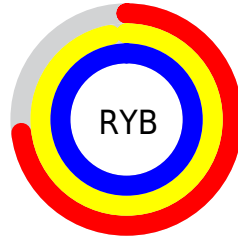
The XYZ color **65.8600, 85.8992, 64.7388** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.4336, 63.0322, 95.3787**, and the grayscale version is **73.5232, 77.3521, 84.2365**.

A 20% lighter version of the original color is **90.2928, 97.6030, 106.1758**, and **34.3619, 47.1365, 32.4865** is the 20% darker color. If you saturate the color by 10%, you get **57.8839, 82.0559, 52.2359**, and if you desaturate by 10%, it is **75.3151, 90.4620, 79.2570**.

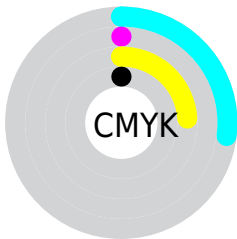
Distribution



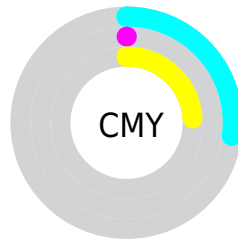
- Red (73%)
- Green (100%)
- Blue (76%)



- Red (73%)
- Yellow (97%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8600, 85.8992, 64.7388 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 65.8600, 85.8992, 64.7388 by changing the saturation by 10% instead.

 65.8600, 85.8992,
64.7388

 65.8600, 85.8992,
64.7388


435.3726,
514.5988, 460.1332

 48.4260, 64.5846,
46.7993


 112.3442,
141.6288, 113.2839

 34.3771, 47.1243,
32.5238


142.1252,
176.8126, 144.7266

 23.3477, 33.1340,
21.4938

176.7525,
217.3883, 181.5075

 14.9725, 22.2291,
13.2907

216.5916,
263.7403, 224.0451

 8.8863, 14.0253,
7.4959

262.0078,
316.2530, 272.7579

 4.7236, 8.1383,
3.6910

313.3665,

 2.1191, 4.1836,

375.3106, 328.0645

1.4574

371.0329,
441.2978, 390.3834

■ 0.6996, 1.7768,
0.1859

■ 0.0000, 0.4726,
0.0000

■ 65.8600, 85.8992,
64.7388

■ 65.8600, 85.8992,
64.7388

■ 57.8839, 82.0559,
52.2359

■ 75.3151, 90.4620,
79.2570

■ 51.3098, 78.8942,
41.6554

■ 86.3172, 95.7774,
95.8697

■ 46.0566, 76.3743,
32.9030

95.0500, 100.0000,
108.9000

■ 42.0339, 74.4519,
25.8751

■ 39.1397, 73.0768,
20.4576

■ 37.2557, 72.1907,
16.5225

■ 36.2333, 71.7202,
13.9223

■ 36.0382, 71.6313,
13.3852

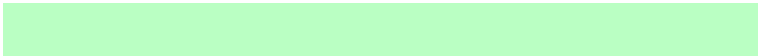
Harmonies

Analogous

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



72.9659, 85.8992, 50.3818



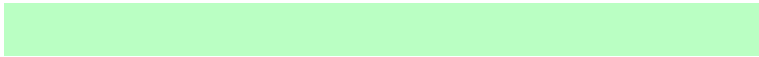
65.8600, 85.8992, 64.7388



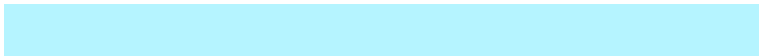
62.9692, 85.8992, 89.7746

Triad

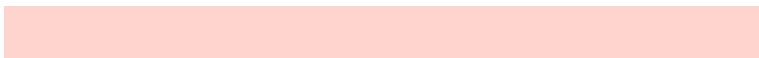
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8600, 85.8992, 64.7388



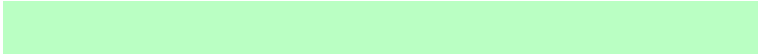
80.3227, 85.8992, 164.6021



101.2959, 85.8992, 70.0360

Complementary

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



65.8600, 85.8992, 64.7388



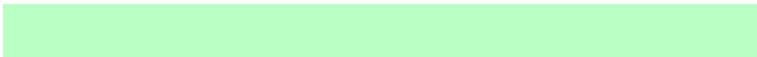
75.4336, 63.0322, 95.3787

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.



103.6895, 85.8992, 97.3879



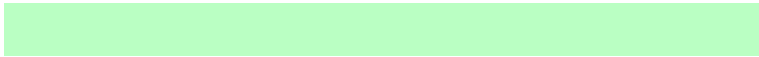
65.8600, 85.8992, 64.7388



90.9856, 85.8992, 156.1635

Square

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



65.8600, 85.8992, 64.7388



70.8508, 85.8992, 150.8673



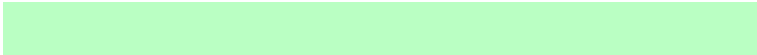
99.7690, 85.8992, 129.7960



93.4825, 85.8992, 52.9441

Rectangle

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



65.8600, 85.8992, 64.7388



63.6194, 85.8992, 110.8180



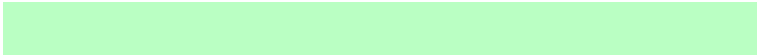
99.7690, 85.8992, 129.7960



102.7885, 85.8992, 78.1398

Sweetspot

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



65.8606, 85.8995, 64.7402



85.2133, 95.2439, 94.2137



82.9633, 94.8303, 60.3866



17.8680, 20.2067, 19.6079



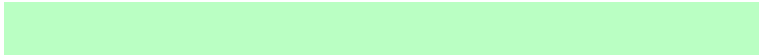
0.0000, 0.0000, 0.0000



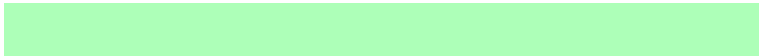
20.3446, 21.4041, 23.3091

Same Dimension

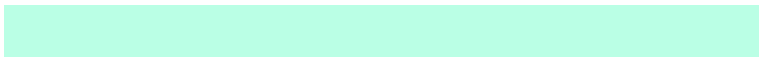
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8606, 85.8995, 64.7402



61.7386, 83.9125, 58.3148



70.0902, 87.5913, 87.0128



17.8680, 20.2067, 19.6079



18.8603, 37.4407, 7.1495



1.8649, 3.6569, 0.8464

Inverse Universe

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



75.4336, 63.0322, 95.3787



72.6435, 57.8540, 93.2092



70.7398, 61.1546, 70.6616



18.6847, 18.2572, 22.2227



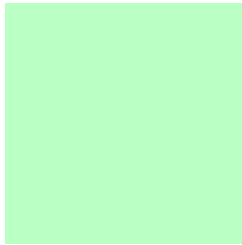
28.4594, 13.8731, 37.3993



2.7982, 1.3616, 3.7845

Previews

White Background



This preview shows how the XYZ color 65.8600, 85.8992, 64.7388 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 65.8600, 85.8992, 64.7388 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 65.8600, 85.8992, 64.7388

Background



This preview shows how black text looks on a background with the XYZ color 65.8600, 85.8992, 64.7388.



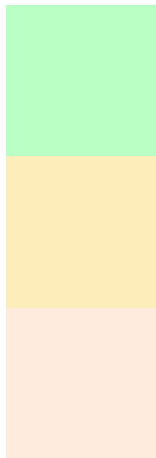
This preview shows how white text looks on a background with the XYZ color 65.8600, 85.8992,

64.7388.

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

65.8600, 85.8992, 64.7388

Protanopia

79.7618, 85.0389, 59.2240

Deuteranopia

83.8476, 85.3796, 81.1679



Tritanopia

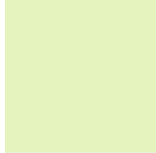
78.1249, 85.7683, 107.0450

Trichromacy



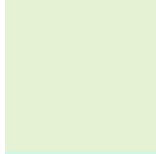
Original Color

65.8600, 85.8992, 64.7388



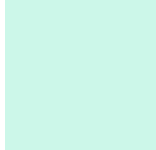
Protanomaly

73.9580, 85.0771, 61.2387



Deuteranomaly

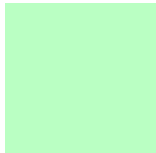
76.2689, 85.0807, 74.6898



Tritanomaly

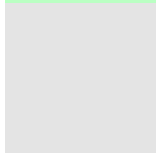
72.8706, 85.2421, 89.7035

Monochromacy



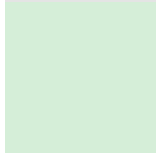
Original Color

65.8600, 85.8992, 64.7388



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4098, 80.2531, 76.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8600, 85.8992, 64.7388 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(186, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 195)  
}
```

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(186, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.8600, 85.8992, 64.7388 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(186, 255, 195) }
```


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

```
.border{ border-color:rgb(186, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8600, 85.8992, 64.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 195) }
```

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

```
.background{ background-color: rgb(186,  
255, 195) }
```

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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