

Converting Colors

XYZ(65.5785, 85.8432, 60.6994)

Have a look what the booklet for
XYZ(65.5785, 85.8432, 60.6994)
contains.

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Color

**XYZ(65.5761, 85.8422,
60.6899)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BCFFBC |
| RGB | 188, 255, 188 |
| RGB Percent | 74%, 100%, 74% |
| CMY | 0.2627, 0.0000, 0.2627 |
| CMYK | 0.26, 0.00, 0.26, 0.00 |
| HSL | 120°, 100%, 87% |
| HSV | 120°, 26%, 100% |
| XYZ | 65.5761, 85.8422, 60.6899 |
| YIQ | 227.3290, -18.4250, -35.0410 |

Conversions

Conversions Part 2

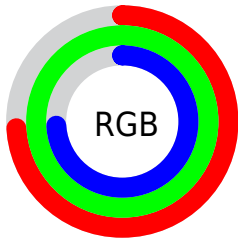
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 188, 255, 255 |
| Decimal | 12386236 |
| CIELab | 94.24, -33.38, 25.48 |
| CIELCh | 94, 41.995, 142.641 |
| Yxy | 85.8422, 0.3092, 0.4047 |
| Android (android.graphics.Color) | 4290576316 (0xFFBCFFBC) |
| YUV | 227.3290, -19.3892, -34.4915 |
| Hunter-Lab | 92.6511, -35.8015, 26.0186 |

Details

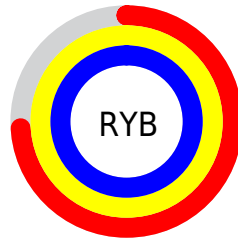
The XYZ color **65.5761, 85.8422, 60.6899** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.2733, 64.4468, 102.9735**, and the grayscale version is **73.3991, 77.2216, 84.0943**.

A 20% lighter version of the original color is **89.7453, 97.4641, 99.6703**, and **34.1700, 47.0959, 29.8437** is the 20% darker color. If you saturate the color by 10%, you get **57.3287, 81.8805, 47.2002**, and if you desaturate by 10%, it is **75.4202, 90.5708, 76.7921**.

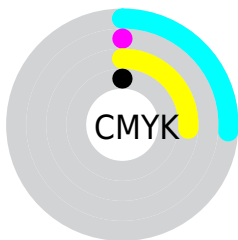
Distribution



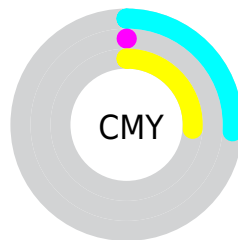
- Red (74%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5761, 85.8422, 60.6899 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 65.5761, 85.8422, 60.6899 by changing the saturation by 10% instead.


 65.5761, 85.8422,
60.6899

 65.5761, 85.8422,
60.6899


434.3719,
514.4107, 445.0111

 48.1948, 64.5375,
43.5460


 111.9388,
141.5493, 107.3830

 34.1931, 47.0861,
29.9792


141.6509,
176.7204, 137.7692

 23.2056, 33.1038,
19.5709

176.2041,
217.2825, 173.4067

 14.8669, 22.2059,
11.9025

215.9635,
263.6199, 214.7139

 8.8117, 14.0083,
6.5556

261.2947,
316.1170, 262.1094

 4.6747, 8.1264,
3.1116

312.5629,

 2.0905, 4.1760,

375.1583, 316.0118

1.1519

370.1335,
441.1281, 376.8395

■ 0.6840, 1.7725,
0.0000

■ 0.0000, 0.4699,
0.0000

■ 65.5761, 85.8422,
60.6899

■ 65.5761, 85.8422,
60.6899

■ 57.3287, 81.8805,
47.2002

■ 75.4202, 90.5708,
76.7921

■ 50.5923, 78.6447,
36.1816

■ 86.9372, 96.1030,
95.6301

■ 45.2758, 76.0909,
27.4855

95.0500, 100.0000,
108.9000

■ 41.2777, 74.1704,
20.9457

■ 38.4829, 72.8279,
16.3742

■ 36.7566, 71.9987,
13.5504

■ 35.9310, 71.6021,
12.1998

■ 35.7600, 71.5200,
11.9201

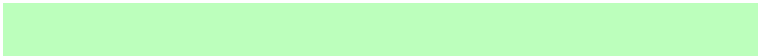
Harmonies

Analogous

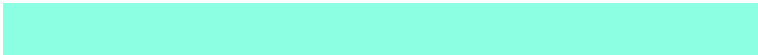
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5433, 85.8422, 47.1572



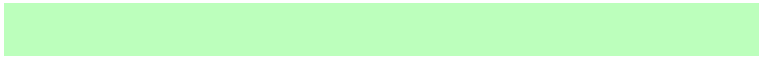
65.5761, 85.8422, 60.6899



61.9625, 85.8422, 85.7551

Triad

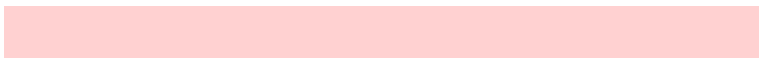
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5761, 85.8422, 60.6899



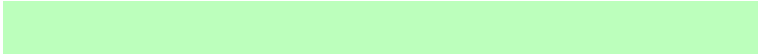
78.8510, 85.8422, 169.3544



103.2276, 85.8422, 71.5899

Complementary

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



65.5761, 85.8422, 60.6899



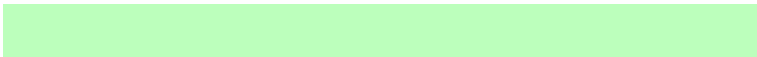
77.2733, 64.4468, 102.9735

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.



104.9790, 85.8422, 101.6292



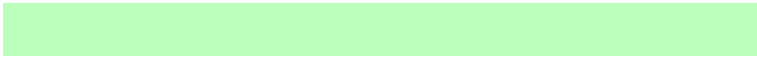
65.5761, 85.8422, 60.6899



90.2042, 85.8422, 163.0957

Square

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



65.5761, 85.8422, 60.6899



69.1556, 85.8422, 151.8630



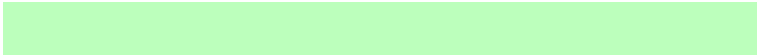
100.0203, 85.8422, 136.3249



95.4331, 85.8422, 52.3669

Rectangle

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



65.5761, 85.8422, 60.6899



62.2511, 85.8422, 107.6912



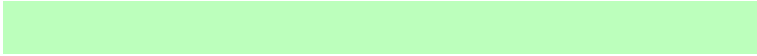
100.0203, 85.8422, 136.3249



104.5701, 85.8422, 80.5549

Sweetspot

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



65.5767, 85.8424, 60.6912



84.8267, 95.0892, 92.1781



86.0772, 96.4109, 61.6500



17.7717, 20.1682, 19.1006



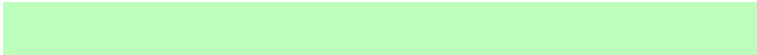
0.0000, 0.0000, 0.0000



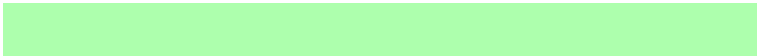
20.3446, 21.4041, 23.3091

Same Dimension

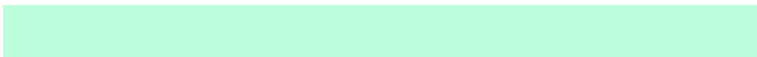
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5767, 85.8424, 60.6912



60.6639, 83.4826, 52.6556



69.6173, 87.4587, 81.9688



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.



77.2733, 64.4468, 102.9735



74.3102, 58.5207, 101.9856



72.3414, 62.4741, 77.0027



18.7927, 18.3004, 22.7917



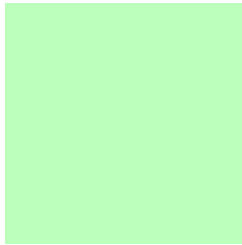
30.9799, 14.8813, 50.6722



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 65.5761, 85.8422, 60.6899 looks on a white background.

Color Contrast Check

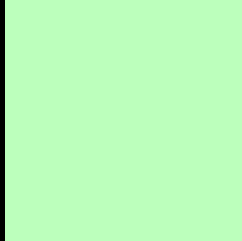
Large Text (above 18pt) WCAG AA × Fail

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 65.5761, 85.8422, 60.6899 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

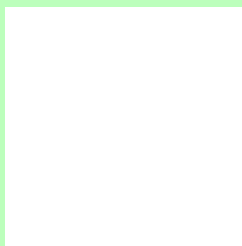
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5761, 85.8422, 60.6899

Background



This preview shows how black text looks on a background with the XYZ color 65.5761, 85.8422, 60.6899.



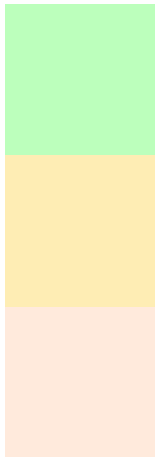
This preview shows how white text looks on a background with the XYZ color 65.5761, 85.8422,

60.6899.

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

65.5761, 85.8422, 60.6899

Protanopia

79.3955, 84.9345, 55.3894

Deuteranopia

83.5811, 85.2729, 79.7643



Tritanopia

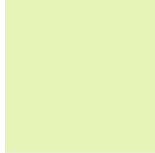
78.1210, 85.3232, 106.9593

Trichromacy



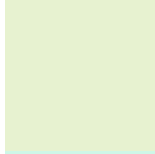
Original Color

65.5761, 85.8422, 60.6899



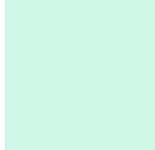
Protanomaly

73.5311, 84.9433, 57.3199



Deuteranomaly

76.0923, 85.0473, 72.0798



Tritanomaly

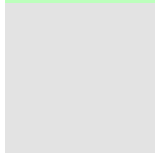
73.1382, 85.4129, 88.2328

Monochromacy



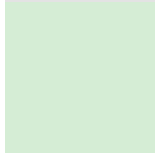
Original Color

65.5761, 85.8422, 60.6899



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.7350, 79.5186, 74.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5761, 85.8422, 60.6899 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(188, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 188)  
}
```

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(188, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.5761, 85.8422, 60.6899 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(188, 255, 188) }
```


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

```
.border{ border-color:rgb(188, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5761, 85.8422, 60.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 188) }
```

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

```
.background{ background-color: rgb(188,  
255, 188) }
```

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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