

Converting Colors

XYZ(65.1490, 85.6190, 60.8042)

Have a look what the booklet for
XYZ(65.1490, 85.6190, 60.8042)
contains.

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Color

**XYZ(65.0868, 85.5899,
60.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFBC
RGB	186, 255, 188
RGB Percent	73%, 100%, 74%
CMY	0.2706, 0.0000, 0.2627
CMYK	0.27, 0.00, 0.26, 0.00
HSL	122°, 100%, 86%
HSV	122°, 27%, 100%
XYZ	65.0868, 85.5899, 60.6670
YIQ	226.7310, -19.6170, -35.4650

Conversions

Conversions Part 2

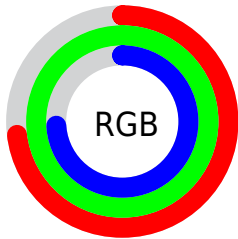
Format	Color
RYB	186, 253, 255
Decimal	12255164
CIELab	94.14, -34.02, 25.32
CIElCh	94, 42.403, 143.340
Yxy	85.5899, 0.3080, 0.4050
Android (android.graphics.Color)	4290445244 (0xFFBAFFBC)
YUV	226.7310, -19.0944, -35.7211
Hunter-Lab	92.5148, -36.3211, 25.8807

Details

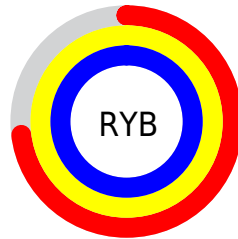
The XYZ color **65.0868, 85.5899, 60.6670** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.5287, 63.4702, 101.1453**, and the grayscale version is **72.9624, 76.7621, 83.5939**.

A 20% lighter version of the original color is **89.0513, 97.1063, 99.6378**, and **33.8572, 46.9347, 29.8291** is the 20% darker color. If you saturate the color by 10%, you get **56.9902, 81.6984, 47.5297**, and if you desaturate by 10%, it is **74.7480, 90.2351, 76.2706**.

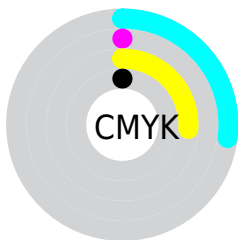
Distribution



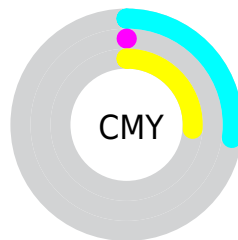
- Red (73%)
- Green (100%)
- Blue (74%)



- Red (73%)
- Yellow (99%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0868, 85.5899, 60.6670 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, 85.5899, 60.6670 by changing the saturation by 10% instead.


 65.0868, 85.5899,
60.6670

 65.0868, 85.5899,
60.6670


432.6441,
513.5780, 444.9247

 47.7964, 64.3289,
43.5277

 111.2397,
141.1971, 107.3495

 33.8763, 46.9171,
29.9649


140.8328,
176.3120, 137.7297

 22.9610, 32.9701,
19.5601


175.2577,
216.8138, 173.3606

 14.6853, 22.1036,
11.8948

214.8795,
263.0867, 214.6607

 8.6837, 13.9330,
6.5504

260.0637,
315.5152, 262.0487

 4.5909, 8.0741,
3.1084

311.1757,

 2.0415, 4.1424,

374.4836, 315.9430

1.1503

368.5807,
440.3764, 376.7621

■ 0.6571, 1.7535,
0.0000

■ 0.0000, 0.4580,
0.0000

■ 65.0868, 85.5899,
60.6670

■ 65.0868, 85.5899,
60.6670

■ 56.9902, 81.6984,
47.5297

■ 74.7480, 90.2351,
76.2706

■ 50.3743, 78.5200,
36.7287

■ 86.0482, 95.6698,
94.4532

■ 45.1499, 76.0117,
28.1284

95.0500, 100.0000,
108.9000

■ 41.2178, 74.1255,
21.5777

■ 38.4653, 72.8071,
16.9062

■ 36.7608, 71.9928,
13.9163

■ 35.9378, 71.6020,
12.3665

■ 35.8005, 71.5362,
12.1333

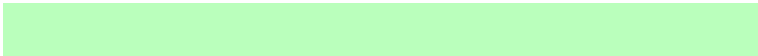
Harmonies

Analogous

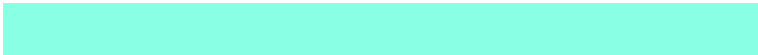
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0162, 85.5899, 46.8208



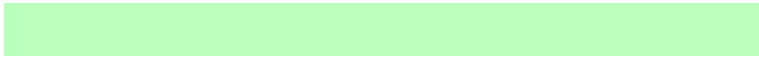
65.0868, 85.5899, 60.6670



61.5630, 85.5899, 86.1385

Triad

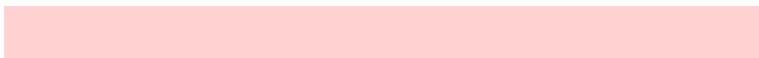
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0868, 85.5899, 60.6670



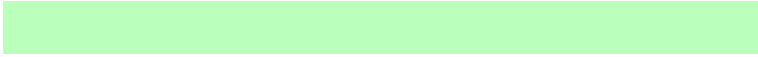
78.8487, 85.5899, 169.9716



103.0519, 85.5899, 70.5823

Complementary

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



65.0868, 85.5899, 60.6670



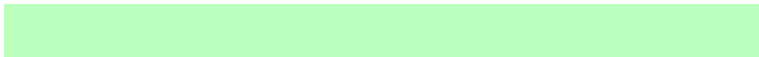
76.5287, 63.4702, 101.1453

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.



104.9800, 85.5899, 100.6222



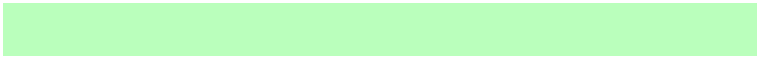
65.0868, 85.5899, 60.6670



90.2963, 85.5899, 163.0698

Square

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



65.0868, 85.5899, 60.6670



69.0172, 85.5899, 152.7807



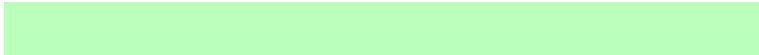
100.1204, 85.5899, 135.6579



95.0723, 85.5899, 51.5471

Rectangle

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



65.0868, 85.5899, 60.6670



61.9301, 85.5899, 108.3525



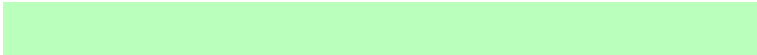
100.1204, 85.5899, 135.6579



104.4580, 85.5899, 79.5176

Sweetspot

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



65.0874, 85.5902, 60.6683



84.9121, 95.1234, 92.6278



85.4413, 96.1078, 60.5026



17.7929, 20.1767, 19.2125



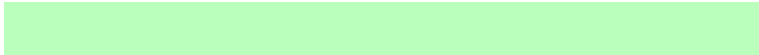
0.0000, 0.0000, 0.0000



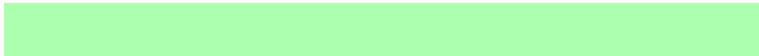
20.3446, 21.4041, 23.3091

Same Dimension

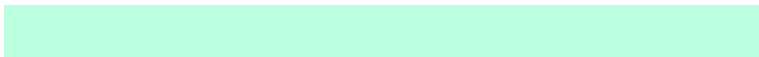
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0874, 85.5902, 60.6683



60.8955, 83.5753, 53.8753



69.1481, 87.2145, 82.0516



17.7929, 20.1767, 19.2125



18.7158, 37.3829, 6.3885



1.8295, 3.6427, 0.6598

Inverse Universe

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



76.5287, 63.4702, 101.1453



73.9317, 58.3693, 99.9926



71.6316, 61.5114, 75.3577



18.7686, 18.2907, 22.6645



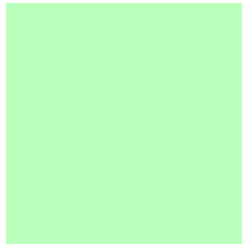
30.3803, 14.6414, 47.5144



2.9649, 1.4283, 4.6627

Previews

White Background



This preview shows how the XYZ color 65.0868, 85.5899, 60.6670 looks on a white background.

Color Contrast Check

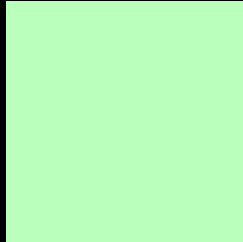
Large Text (above 18pt) WCAG AA × Fail

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, 85.5899, 60.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

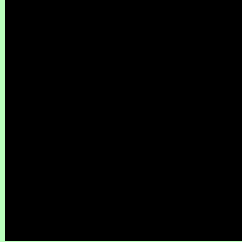
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0868, 85.5899, 60.6670

Background



This preview shows how black text looks on a background with the XYZ color 65.0868, 85.5899, 60.6670.



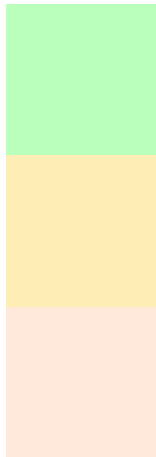
This preview shows how white text looks on a background with the XYZ color 65.0868, 85.5899, 60.6670.

60.6670.

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, 85.5899, 60.6670

Protanopia

79.3955, 84.9345, 55.3894

Deuteranopia

83.1651, 84.6523, 78.9741



Tritanopia

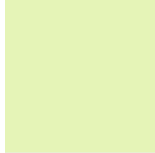
77.5337, 85.0204, 106.9319

Trichromacy



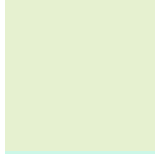
Original Color

65.0868, 85.5899, 60.6670



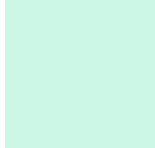
Protanomaly

73.2110, 84.7783, 57.3050



Deuteranomaly

75.4736, 84.2877, 71.9658



Tritanomaly

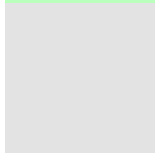
72.5864, 85.1284, 88.2070

Monochromacy



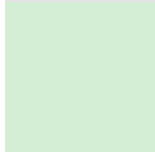
Original Color

65.0868, 85.5899, 60.6670



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.4458, 79.3695, 74.6105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0868, 85.5899, 60.6670 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.0868, 85.5899, 60.6670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

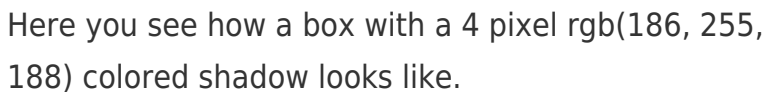
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 255, 188) }
```


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

```
.border{ border-color:rgb(186, 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(186, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 255, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 255, 188); box-shadow:4px 4px 4px 4px rgb(186, 255, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0868, 85.5899, 60.6670 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, 188) }
```

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

```
.background{ background-color: rgb(186,  
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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