

Converting Colors

XYZ(65.4087, 85.7806, 59.5648)

Have a look what the booklet for
XYZ(65.4087, 85.7806, 59.5648)
contains.

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Color

**XYZ(65.3620, 85.7565,
59.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFFBA
RGB	188, 255, 186
RGB Percent	74%, 100%, 73%
CMY	0.2627, 0.0000, 0.2706
CMYK	0.26, 0.00, 0.27, 0.00
HSL	118°, 100%, 86%
HSV	118°, 27%, 100%
XYZ	65.3620, 85.7565, 59.5621
YIQ	227.1010, -17.7830, -35.6630

Conversions

Conversions Part 2

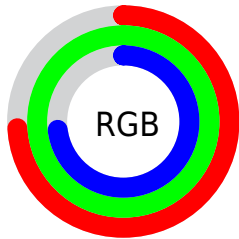
Format	Color
RYB	186, 255, 253
Decimal	12386234
CIELab	94.21, -33.70, 26.45
CIELCh	94, 42.840, 141.880
Yxy	85.7565, 0.3102, 0.4070
Android (android.graphics.Color)	4290576314 (0xFFBCFFBA)
YUV	227.1010, -20.2628, -34.2916
Hunter-Lab	92.6048, -36.0702, 26.6889

Details

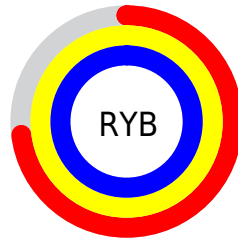
The XYZ color **65.3620, 85.7565, 59.5621** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.1177, 63.2216, 102.7989**, and the grayscale version is **73.2389, 77.0530, 83.9107**.

A 20% lighter version of the original color is **89.4432, 97.3433, 98.0794**, and **34.0318, 47.0407, 29.1159** is the 20% darker color. If you saturate the color by 10%, you get **57.3027, 81.8876, 46.2743**, and if you desaturate by 10%, it is **74.9527, 90.3591, 75.4493**.

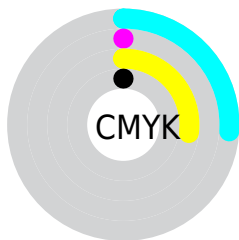
Distribution



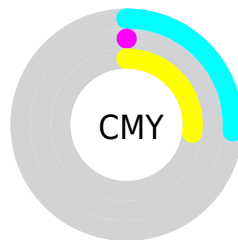
- Red (74%)
- Green (100%)
- Blue (73%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3620, 85.7565, 59.5621 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 65.3620, 85.7565, 59.5621 by changing the saturation by 10% instead.


 65.3620, 85.7565,
59.5621

 65.3620, 85.7565,
59.5621


433.6164,
514.1280, 440.7415

 48.0205, 64.4666,
42.6428


 111.6330,
141.4296, 105.7313

 34.0544, 47.0287,
29.2756


141.2931,
176.5817, 135.8183

 23.0985, 33.0584,
19.0420


175.7901,
217.1233, 171.1316

 14.7873, 22.1712,
11.5235

215.4894,
263.4388, 212.0897

 8.7556, 13.9827,
6.3016

260.7563,
315.9126, 259.1113

 4.6380, 8.1086,
2.9576

311.9562,

 2.0690, 4.1645,

374.9292, 312.6147

1.0730

369.4545,
440.8728, 373.0186

■ 0.6723, 1.7660,
0.0000

■ 0.0000, 0.4659,
0.0000

■ 65.3620, 85.7565,
59.5621

■ 65.3620, 85.7565,
59.5621

■ 57.3027, 81.8876,
46.2743

■ 74.9527, 90.3591,
75.4493

■ 50.6940, 78.7136,
35.4439

■ 86.1466, 95.7294,
94.0598

■ 45.4502, 76.1935,
26.9215

95.0500, 100.0000,
108.9000

■ 41.4760, 74.2818,
20.5398

■ 38.6637, 72.9272,
16.1089

■ 36.8878, 72.0697,
13.4057

■ 35.9928, 71.6353,
12.1454

■ 35.8525, 71.5677,
11.9243

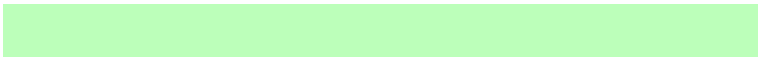
Harmonies

Analogous

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



73.5641, 85.7565, 46.1745



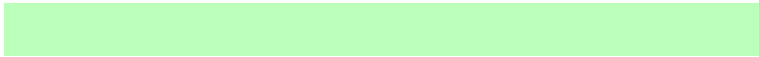
65.3620, 85.7565, 59.5621



61.5691, 85.7565, 84.7348

Triad

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



65.3620, 85.7565, 59.5621



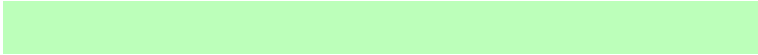
78.4337, 85.7565, 170.8892



103.7328, 85.7565, 71.7606

Complementary

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



65.3620, 85.7565, 59.5621



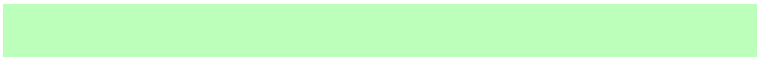
76.1177, 63.2216, 102.7989

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.



105.3469, 85.7565, 102.5818



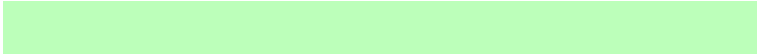
65.3620, 85.7565, 59.5621



90.0062, 85.7565, 165.0965

Square

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



65.3620, 85.7565, 59.5621



68.6398, 85.7565, 152.3935



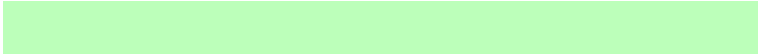
100.1177, 85.7565, 138.0384



95.8938, 85.7565, 51.9805

Rectangle

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



65.3620, 85.7565, 59.5621



61.7777, 85.7565, 106.9883



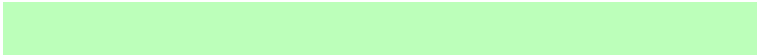
100.1177, 85.7565, 138.0384



105.0491, 85.7565, 80.9670

Sweetspot

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



65.3626, 85.7568, 59.5634



85.0217, 95.1898, 92.1869



85.1338, 94.8666, 60.2797



17.8202, 20.1932, 19.1028



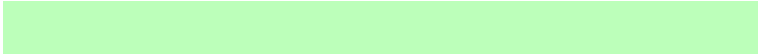
0.0000, 0.0000, 0.0000



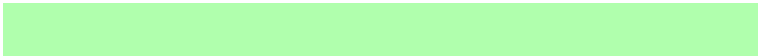
20.3446, 21.4041, 23.3091

Same Dimension

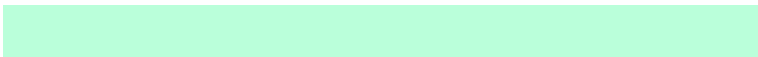
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3626, 85.7568, 59.5634



61.1928, 83.7553, 52.6796



68.6915, 87.0319, 79.6462



17.8202, 20.1932, 19.1028



18.7547, 37.4065, 6.2317



1.8424, 3.6506, 0.6075

Inverse Universe

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



76.1177, 63.2216, 102.7989



73.4459, 58.0751, 101.9463



72.0919, 61.6958, 77.7803



18.7376, 18.2720, 22.7892



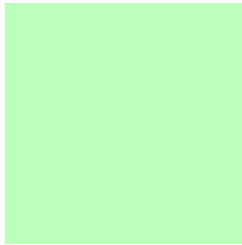
29.6105, 14.1753, 50.6100



2.8988, 1.3883, 4.9285

Previews

White Background



This preview shows how the XYZ color 65.3620, 85.7565, 59.5621 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 65.3620, 85.7565, 59.5621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

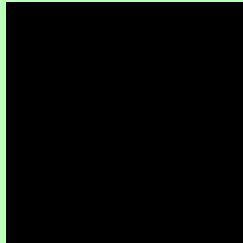
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

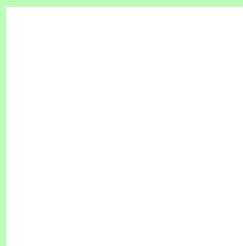
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3620, 85.7565, 59.5621

Background



This preview shows how black text looks on a background with the XYZ color 65.3620, 85.7565, 59.5621.



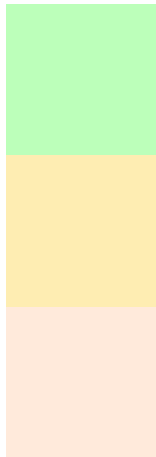
This preview shows how white text looks on a background with the XYZ color 65.3620, 85.7565,

59.5621.

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

65.3620, 85.7565, 59.5621

Protanopia

79.1931, 84.8536, 54.3239

Deuteranopia

83.4490, 85.2201, 79.0687



Tritanopia

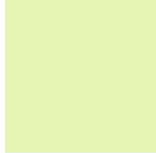
78.1210, 85.3232, 106.9593

Trichromacy



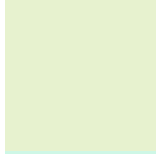
Original Color

65.3620, 85.7565, 59.5621



Protanomaly

73.3243, 84.8606, 56.2312



Deuteranomaly

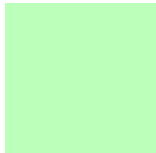
75.9696, 84.9982, 71.4337



Tritanomaly

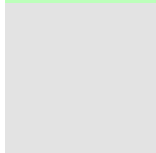
72.9973, 85.3565, 87.4910

Monochromacy



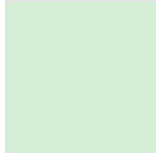
Original Color

65.3620, 85.7565, 59.5621



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.6084, 79.4680, 73.9575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3620, 85.7565, 59.5621 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 186)  
}
```

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, 186) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 65.3620, 85.7565, 59.5621 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, 186) }
```


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

```
.border{ border-color:rgb(188, 255, 186) }
```

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, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 65.3620, 85.7565, 59.5621 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, 186) }
```

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

```
.background{ background-color: rgb(188,  
255, 186) }
```

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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