

Converting Colors

XYZ(65.7596, 80.3039, 65.8944)

Have a look what the booklet for
XYZ(65.7596, 80.3039, 65.8944)
contains.

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Color

**XYZ(65.9126, 80.3668,
66.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F3C7
RGB	199, 243, 199
RGB Percent	78%, 95%, 78%
CMY	0.2196, 0.0470, 0.2196
CMYK	0.18, 0.00, 0.18, 0.05
HSL	120°, 65%, 87%
HSV	120°, 18%, 95%
XYZ	65.9126, 80.3668, 66.0712
YIQ	224.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

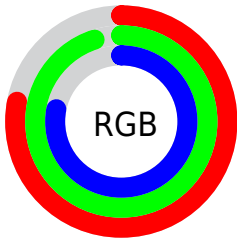
Format	Color
RYB	199, 243, 243
Decimal	13104071
CIELab	91.85, -22.30, 16.62
CIElCh	92, 27.814, 143.295
Yxy	80.3668, 0.3104, 0.3785
Android (android.graphics.Color)	4291294151 (0xFFC7F3C7)
YUV	224.8280, -12.7332, -22.6512
Hunter-Lab	89.6475, -25.6425, 19.0559

Details

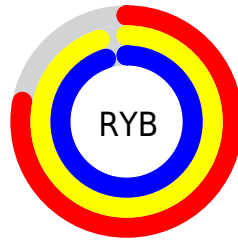
The XYZ color **65.9126, 80.3668, 66.0712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5661, 66.3745, 93.7319**, and the grayscale version is **71.5411, 75.2668, 81.9655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5582, 43.6047, 33.3832** is the 20% darker color. If you saturate the color by 10%, you get **57.3729, 76.2671, 52.1012**, and if you desaturate by 10%, it is **75.9368, 85.1843, 82.4658**.

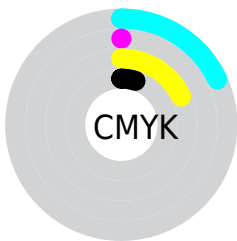
Distribution



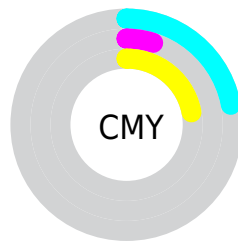
- Red (78%)
- Green (95%)
- Blue (78%)



- Red (78%)
- Yellow (95%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9126, 80.3668, 66.0712 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 65.9126, 80.3668, 66.0712 by changing the saturation by 10% instead.

65.9126, 80.3668,
66.0712

65.9126, 80.3668,
66.0712

435.5578,
496.1681, 465.0426

48.4689, 60.0202,
47.8734

112.4193,
133.8813, 115.2165

34.4112, 43.4349,
33.3673

142.2130,
167.8181, 147.0010

23.3740, 30.2265,
22.1346

176.8541,
207.0536, 184.1515

14.9921, 20.0106,
13.7566

216.7080,
251.9725, 227.0866

8.9001, 12.4027,
7.8147

262.1399,
302.9589, 276.2246

4.7327, 7.0186,
3.8906

313.5153,

2.1244, 3.4737,

360.3974, 331.9843

1.5655

371.1995,
424.6724, 394.7841

0.7024, 1.3838,
0.2660

0.0000, 0.2047,
0.0000

65.9126, 80.3668,
66.0712

65.9126, 80.3668,
66.0712

57.3729, 76.2671,
52.1012

75.9368, 85.1843,
82.4658

50.2411, 72.8413,
40.4358

87.5044, 90.7408,
101.3867

44.4435, 70.0565,
30.9528

91.3421, 92.5843,
107.6640

39.8973, 67.8727,
23.5166

■ 36.5104, 66.2458,
17.9767

■ 34.1780, 65.1255,
14.1615

■ 32.7765, 64.4522,
11.8690

■ 32.1349, 64.1440,
10.8195

■ 32.0522, 64.1043,
10.6841

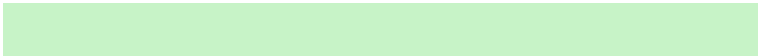
Harmonies

Analogous

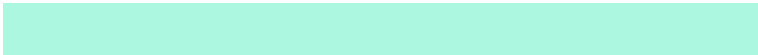
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0913, 80.3668, 56.1672



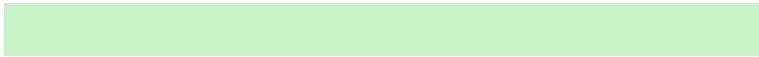
65.9126, 80.3668, 66.0712



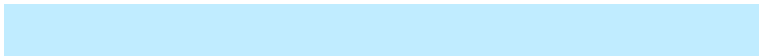
63.5620, 80.3668, 83.0003

Triad

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



65.9126, 80.3668, 66.0712



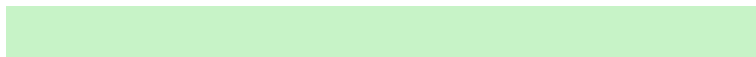
74.7964, 80.3668, 132.5855



89.6845, 80.3668, 72.8775

Complementary

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



65.9126, 80.3668, 66.0712



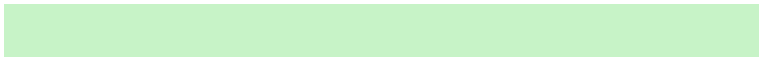
73.5661, 66.3745, 93.7319

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.



90.8288, 80.3668, 92.1715



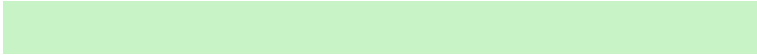
65.9126, 80.3668, 66.0712



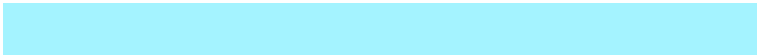
81.9377, 80.3668, 128.7547

Square

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



65.9126, 80.3668, 66.0712



68.4806, 80.3668, 122.9138



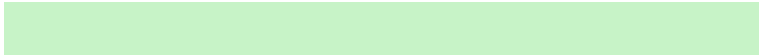
87.9145, 80.3668, 113.1371



84.8780, 80.3668, 59.6485

Rectangle

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



65.9126, 80.3668, 66.0712



63.8044, 80.3668, 96.8498



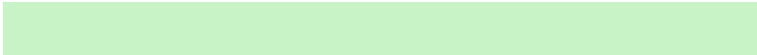
87.9145, 80.3668, 113.1371



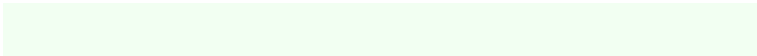
90.5220, 80.3668, 78.7829

Sweetspot

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



65.9148, 80.3702, 66.0730



88.5284, 96.8674, 98.2328



79.3251, 87.2835, 66.7002



18.7601, 20.6430, 20.7174



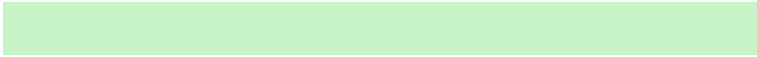
0.0000, 0.0000, 0.0000



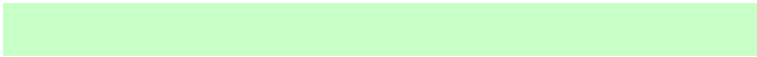
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9148, 80.3702, 66.0730



69.5839, 87.7673, 67.2457



68.6573, 81.4672, 80.5151



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



73.5661, 66.3745, 93.7319



79.6903, 69.2808, 103.7796



70.4393, 65.1238, 77.2665



17.2137, 16.7683, 20.8719



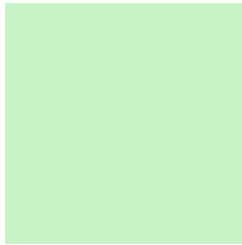
29.1648, 14.0094, 47.7037



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 65.9126, 80.3668, 66.0712 looks on a white background.

Color Contrast Check

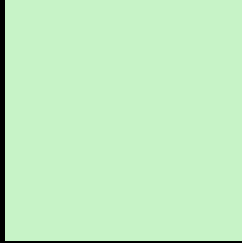
Large Text (above 18pt) WCAG AA × Fail

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 65.9126, 80.3668, 66.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

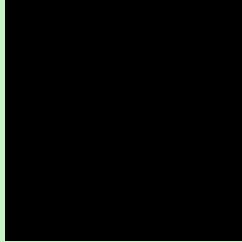
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

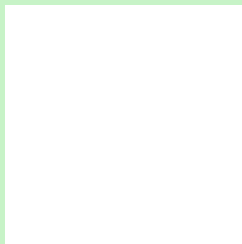
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9126, 80.3668, 66.0712

Background



This preview shows how black text looks on a background with the XYZ color 65.9126, 80.3668, 66.0712.

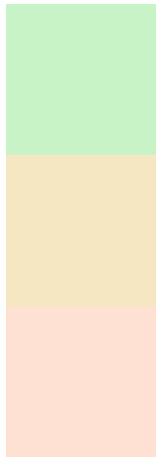


This preview shows how white text looks on a background with the XYZ color 65.9126, 80.3668,

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

65.9126, 80.3668, 66.0712

Protanopia

75.5098, 80.2352, 61.9592

Deuteranopia

79.9231, 79.8136, 72.8212



Tritanopia

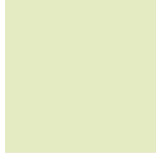
73.6101, 79.9823, 105.3244

Trichromacy



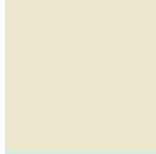
Original Color

65.9126, 80.3668, 66.0712



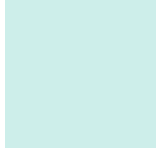
Protanomaly

71.5536, 79.8508, 63.2712



Deuteranomaly

74.3800, 79.8804, 70.5297



Tritanomaly

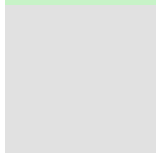
70.6027, 80.0687, 89.5756

Monochromacy



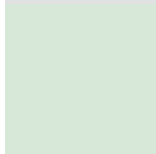
Original Color

65.9126, 80.3668, 66.0712



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.5702, 77.2700, 76.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9126, 80.3668, 66.0712 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(199, 243, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 243, 199)  
}
```

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(199, 243, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 243, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.9126, 80.3668, 66.0712 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(199, 243, 199) }
```


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

```
.border{ border-color:rgb(199, 243, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 243, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 243, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 243, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 243,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9126, 80.3668, 66.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 243, 199) }
```

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

```
.background{ background-color: rgb(199,  
243, 199) }
```

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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