

Converting Colors

XYZ(65.5242, 82.8359, 68.4143)

Have a look what the booklet for
XYZ(65.5242, 82.8359, 68.4143)
contains.

XYZ(65.5226, 82.8344, 68.4124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.5226, 82.8344,
68.4124)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF9CA
RGB	189, 249, 202
RGB Percent	74%, 98%, 79%
CMY	0.2588, 0.0235, 0.2078
CMYK	0.24, 0.00, 0.19, 0.02
HSL	133°, 83%, 86%
HSV	133°, 24%, 98%
XYZ	65.5226, 82.8344, 68.4124
YIQ	225.7020, -20.6730, -27.3370

Conversions

Conversions Part 2

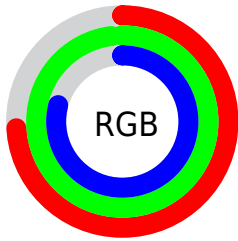
Format	Color
R _{YB}	189, 238, 249
Decimal	12450250
CIE Lab	92.94, -27.88, 16.53
CIE LCh	93, 32.416, 149.337
Yxy	82.8344, 0.3023, 0.3821
Android (android.graphics.Color)	4290640330 (0xFFBDF9CA)
YUV	225.7020, -11.6851, -32.1877
Hunter-Lab	91.0134, -30.7673, 19.1426

Details

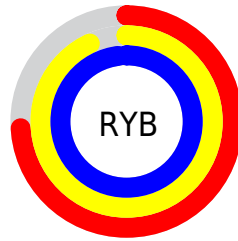
The XYZ color **65.5226, 82.8344, 68.4124** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.4076, 62.5929, 87.6256**, and the grayscale version is **72.1677, 75.9260, 82.6835**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **34.0264, 44.9057, 34.8913** is the 20% darker color. If you saturate the color by 10%, you get **57.7029, 79.0557, 56.7436**, and if you desaturate by 10%, it is **74.6991, 87.2835, 81.6721**.

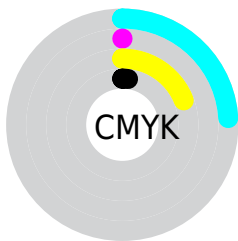
Distribution



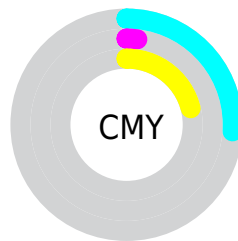
- Red (74%)
- Green (98%)
- Blue (79%)



- Red (74%)
- Yellow (93%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (26%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5226, 82.8344, 68.4124 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 65.5226, 82.8344, 68.4124 by changing the saturation by 10% instead.

 65.5226, 82.8344,
68.4124

 65.5226, 82.8344,
68.4124


434.1832,
504.4345, 473.5935

 48.1512, 62.0535,
49.7645

 111.8624,
137.3435, 118.6017

 34.1584, 45.0760,
34.8565


141.5615,
171.8405, 150.9802

 23.1788, 31.5173,
23.2697


176.1006,
211.6784, 188.7727

 14.8470, 20.9931,
14.5856

215.8451,
257.2416, 232.3977

 8.7977, 13.1189,
8.3857

261.1602,
308.9143, 282.2737

 4.6655, 7.5105,
4.2514

312.4113,

 2.0851, 3.7834,

367.0811, 338.8193

1.7643

369.9639,
432.1264, 402.4531

■ 0.6811, 1.5531,
0.4042

■ 0.0000, 0.3257,
0.0000

■ 65.5226, 82.8344,
68.4124

■ 65.5226, 82.8344,
68.4124

■ 57.7029, 79.0557,
56.7436

■ 74.6991, 87.2835,
81.6721

■ 51.1683, 75.9048,
46.6004

■ 85.2864, 92.4225,
96.5736

■ 45.8506, 73.3500,
37.9213

■ 93.1672, 96.2345,
108.2724

■ 41.6724, 71.3529,
30.6384

■ 38.5471, 69.8704,
24.6782

■ 36.3753, 68.8530,
19.9607

■ 35.0370, 68.2406,
16.3969

■ 34.5419, 68.0204,
14.7926

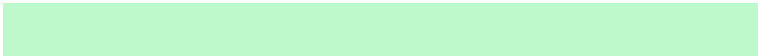
Harmonies

Analogous

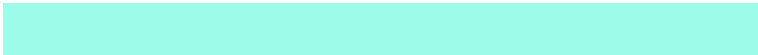
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0101, 82.8344, 55.3019



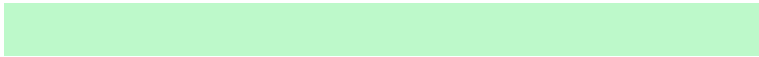
65.5226, 82.8344, 68.4124



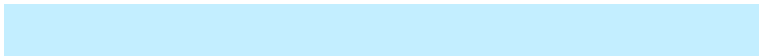
63.5271, 82.8344, 89.6533

Triad

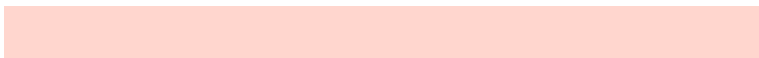
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5226, 82.8344, 68.4124



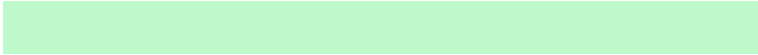
78.5431, 82.8344, 145.4075



93.8182, 82.8344, 69.1938

Complementary

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



65.5226, 82.8344, 68.4124



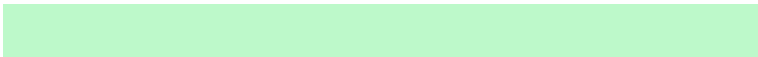
72.4076, 62.5929, 87.6256

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.



96.1870, 82.8344, 90.7340



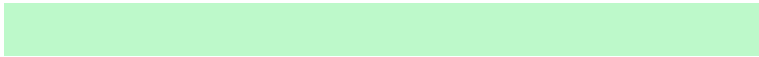
65.5226, 82.8344, 68.4124



86.9935, 82.8344, 137.3321

Square

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



65.5226, 82.8344, 68.4124



70.7055, 82.8344, 136.6182



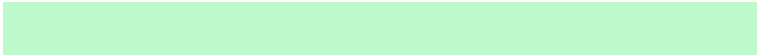
93.6063, 82.8344, 116.1648



87.3432, 82.8344, 55.6929

Rectangle

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



65.5226, 82.8344, 68.4124



64.3267, 82.8344, 106.5554



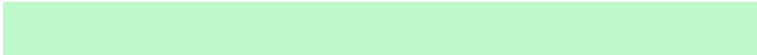
93.6063, 82.8344, 116.1648



95.1408, 82.8344, 75.5970

Sweetspot

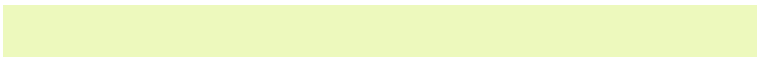
The Sweet Spot groups the original color and five complimentary colors.



65.5248, 82.8379, 68.4142



86.6150, 95.9023, 97.1786



77.9892, 89.4340, 61.2970



18.3911, 20.4551, 20.5927



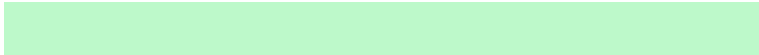
0.0000, 0.0000, 0.0000



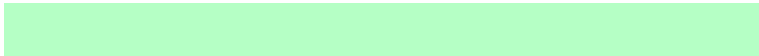
20.3446, 21.4041, 23.3091

Same Dimension

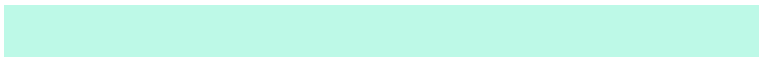
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5248, 82.8379, 68.4142



64.9141, 85.3843, 65.9263



69.2883, 84.3433, 88.2323



17.1713, 19.3708, 19.1026



18.5314, 36.4255, 8.1414



1.7538, 3.3886, 0.9512

Inverse Universe

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



72.4076, 62.5929, 87.6256



73.3507, 60.5588, 89.4671



68.5295, 61.0417, 67.2035



17.8226, 17.4564, 20.9214



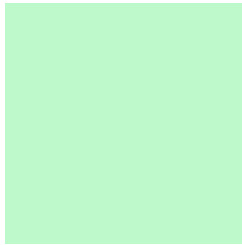
26.2426, 12.9128, 29.0498



2.4691, 1.2114, 2.8935

Previews

White Background



This preview shows how the XYZ color 65.5226, 82.8344, 68.4124 looks on a white background.

Color Contrast Check

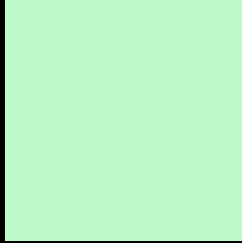
Large Text (above 18pt) WCAG AA × Fail

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 65.5226, 82.8344, 68.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

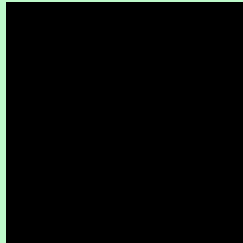
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5226, 82.8344, 68.4124

Background



This preview shows how black text looks on a background with the XYZ color 65.5226, 82.8344, 68.4124.



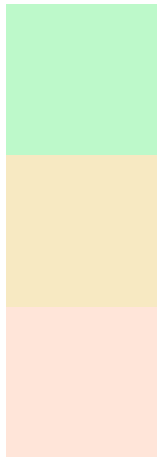
This preview shows how white text looks on a background with the XYZ color 65.5226, 82.8344,

68.4124.

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

65.5226, 82.8344, 68.4124

Protanopia

77.2343, 81.9470, 62.7856

Deuteranopia

81.7837, 82.3084, 77.2223



Tritanopia

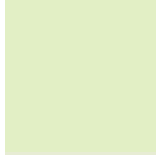
74.9422, 82.8056, 106.6409

Trichromacy



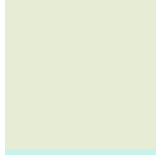
Original Color

65.5226, 82.8344, 68.4124



Protanomaly

72.3086, 81.9330, 64.8269



Deuteranomaly

74.8341, 81.7333, 74.1193



Tritanomaly

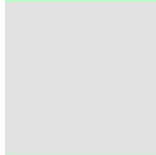
71.0103, 82.4367, 91.5261

Monochromacy



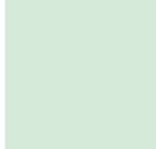
Original Color

65.5226, 82.8344, 68.4124



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.3878, 78.0015, 77.0443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5226, 82.8344, 68.4124 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(189, 249, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 249, 202)  
}
```

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(189, 249, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 249, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.5226, 82.8344, 68.4124 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(189, 249, 202) }
```


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

```
.border{ border-color:rgb(189, 249, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 249, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 249, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 249, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 249,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5226, 82.8344, 68.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 249, 202) }
```

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

```
.background{ background-color: rgb(189,  
249, 202) }
```

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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