

Converting Colors

XYZ(65.4612, 82.4410, 64.0823)

Have a look what the booklet for
XYZ(65.4612, 82.4410, 64.0823)
contains.

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Color

**XYZ(65.4100, 82.4124,
64.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F8C3
RGB	193, 248, 195
RGB Percent	76%, 97%, 76%
CMY	0.2431, 0.0274, 0.2353
CMYK	0.22, 0.00, 0.21, 0.03
HSL	122°, 80%, 86%
HSV	122°, 22%, 97%
XYZ	65.4100, 82.4124, 64.0895
YIQ	225.5130, -15.7670, -28.1430

Conversions

Conversions Part 2

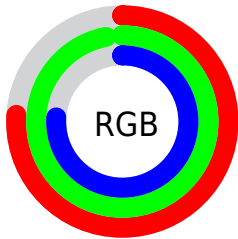
Format	Color
R_{YB}	193, 246, 248
Decimal	12712131
CIE _{Lab}	92.76, -27.34, 19.90
CIE _{LCh}	93, 33.813, 143.949
Yxy	82.4124, 0.3087, 0.3889
Android (android.graphics.Color)	4290902211 (0xFFC1F8C3)
YUV	225.5130, -15.0429, -28.5139
Hunter-Lab	90.7813, -30.2539, 21.6895

Details

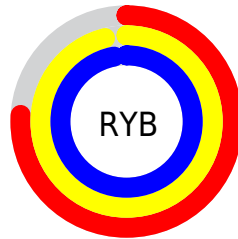
The XYZ color **65.4100, 82.4124, 64.0895** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.4187, 64.7519, 95.7682**, and the grayscale version is **72.0522, 75.8045, 82.5511**.

A 20% lighter version of the original color is **92.7550, 98.8723, 106.2910**, and **33.9198, 44.5880, 32.0179** is the 20% darker color. If you saturate the color by 10%, you get **57.1208, 78.4292, 50.7078**, and if you desaturate by 10%, it is **75.1962, 87.1222, 79.8021**.

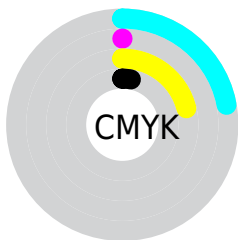
Distribution



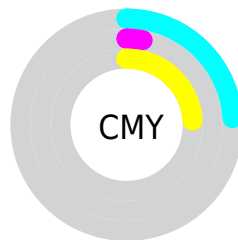
- Red (76%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (97%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)




- Cyan (24%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4100, 82.4124, 64.0895 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 65.4100, 82.4124, 64.0895 by changing the saturation by 10% instead.


 65.4100, 82.4124,
64.0895

 65.4100, 82.4124,
64.0895


433.7858,
503.0261, 457.7291

 48.0595, 61.7055,
46.2765


 111.7015,
136.7522, 112.3405

 34.0855, 44.7948,
32.1138


141.3733,
171.1539, 143.6157

 23.1225, 31.2958,
21.1829


175.8829,
210.8893, 180.2153

 14.8052, 20.8242,
13.0652

215.5957,
256.3428, 222.5578

 8.7682, 12.9956,
7.3422

260.8771,
307.8989, 271.0620

 4.6462, 7.4255,
3.5954

312.0923,

 2.0738, 3.7296,

365.9419, 326.1462

1.4061

369.6068,
430.8561, 388.2291

■ 0.6749, 1.5235,
0.1465

■ 0.0000, 0.3052,
0.0000

■ 65.4100, 82.4124,
64.0895

■ 65.4100, 82.4124,
64.0895

■ 57.1208, 78.4292,
50.7078

■ 75.1962, 87.1222,
79.8021

■ 50.2487, 75.1265,
39.5409

■ 86.5413, 92.5809,
97.9434

■ 44.7164, 72.4695,
30.4712

■ 92.8590, 95.6181,
108.1697

■ 40.4363, 70.4158,
23.3676

■ 37.3107, 68.9182,
18.0847

■ 35.2274, 67.9224,
14.4569

■ 34.0516, 67.3630,
12.2884

■ 33.6185, 67.1578,
11.4500

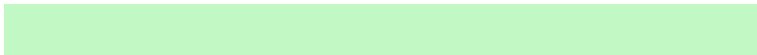
Harmonies

Analogous

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



71.6494, 82.4124, 52.2783



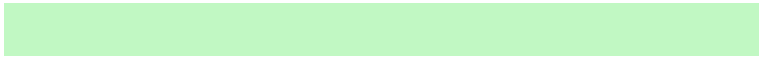
65.4100, 82.4124, 64.0895



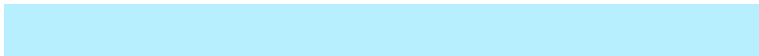
62.6549, 82.4124, 84.7129

Triad

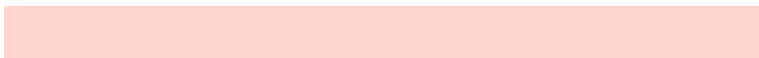
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4100, 82.4124, 64.0895



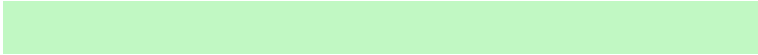
76.5574, 82.4124, 147.1806



94.8649, 82.4124, 71.4348

Complementary

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



65.4100, 82.4124, 64.0895



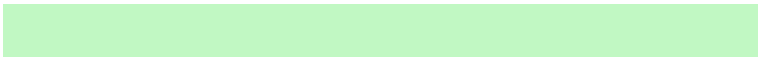
74.4187, 64.7519, 95.7682

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.



96.4242, 82.4124, 94.9478



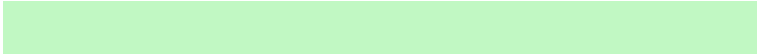
65.4100, 82.4124, 64.0895



85.4145, 82.4124, 141.8106

Square

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



65.4100, 82.4124, 64.0895



68.7728, 82.4124, 134.9810



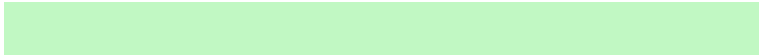
92.8494, 82.4124, 121.4401



88.7351, 82.4124, 55.9294

Rectangle

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



65.4100, 82.4124, 64.0895



63.0049, 82.4124, 101.9515



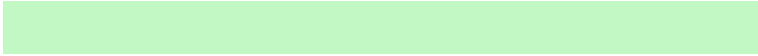
92.8494, 82.4124, 121.4401



95.9592, 82.4124, 78.5321

Sweetspot

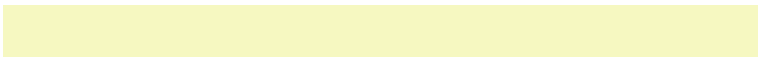
The Sweet Spot groups the original color and five complimentary colors.



65.4122, 82.4159, 64.0913



86.1383, 95.7116, 94.6687



81.2611, 90.6123, 63.6597



18.2811, 20.4111, 20.0135



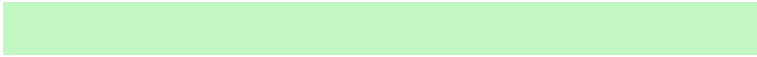
0.0000, 0.0000, 0.0000



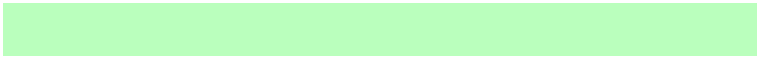
20.3446, 21.4041, 23.3091

Same Dimension

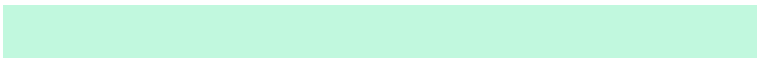
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4122, 82.4159, 64.0913



65.1940, 85.6371, 61.0414



68.7916, 83.7677, 81.8871



17.0430, 19.3195, 18.4269



18.1707, 36.2813, 6.2424



1.6916, 3.3638, 0.6240

Inverse Universe

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



74.4187, 64.7519, 95.7682



76.4798, 63.5008, 100.7333



70.5262, 63.1949, 75.2708



17.9642, 17.5130, 21.6670



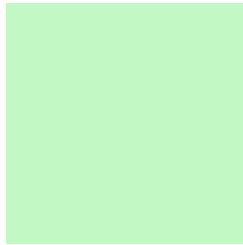
29.3383, 14.1511, 45.3516



2.7255, 1.3140, 4.2440

Previews

White Background



This preview shows how the XYZ color 65.4100, 82.4124, 64.0895 looks on a white background.

Color Contrast Check

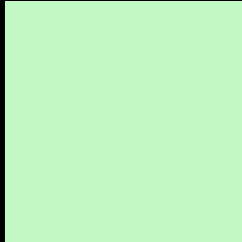
Large Text (above 18pt) WCAG AA × Fail

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 65.4100, 82.4124, 64.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

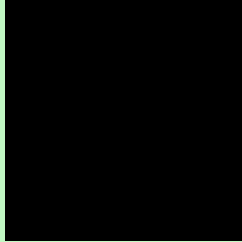
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

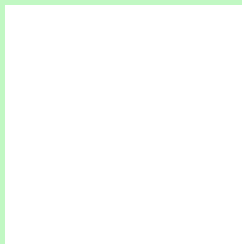
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4100, 82.4124, 64.0895

Background



This preview shows how black text looks on a background with the XYZ color 65.4100, 82.4124, 64.0895.



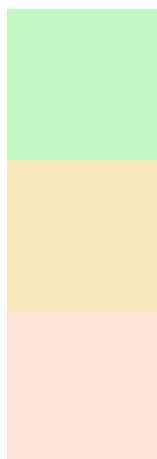
This preview shows how white text looks on a background with the XYZ color 65.4100, 82.4124,

64.0895.

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

65.4100, 82.4124, 64.0895

Protanopia

76.9274, 81.8651, 59.3240

Deuteranopia

81.1210, 81.6018, 75.0935



Tritanopia

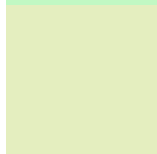
75.2110, 82.5083, 106.5694

Trichromacy



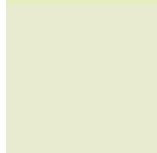
Original Color

65.4100, 82.4124, 64.0895



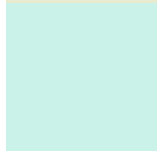
Protanomaly

71.9734, 81.4046, 61.2095



Deuteranomaly

74.2495, 81.0775, 70.7676



Tritanomaly

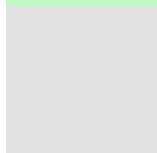
71.0887, 82.0840, 89.1878

Monochromacy



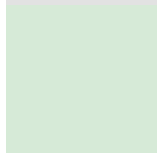
Original Color

65.4100, 82.4124, 64.0895



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.4201, 78.0481, 75.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4100, 82.4124, 64.0895 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(193, 248, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 248, 195)  
}
```

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(193, 248, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 248, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.4100, 82.4124, 64.0895 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(193, 248, 195) }
```


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

```
.border{ border-color:rgb(193, 248, 195) }
```

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

Here you see how a box with a 4 pixel rgb(193, 248, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 248, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 248, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 248,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4100, 82.4124, 64.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 248, 195) }
```

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

```
.background{ background-color: rgb(193,  
248, 195) }
```

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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