

Converting Colors

XYZ(67.0839, 86.5388, 64.4034)

Have a look what the booklet for
XYZ(67.0839, 86.5388, 64.4034)
contains.

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Color

**XYZ(66.9835, 86.4914,
64.2030)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BFFFC2 |
| RGB | 191, 255, 194 |
| RGB Percent | 75%, 100%, 76% |
| CMY | 0.2510, 0.0000, 0.2392 |
| CMYK | 0.25, 0.00, 0.24, 0.00 |
| HSL | 123°, 100%, 87% |
| HSV | 123°, 25%, 100% |
| XYZ | 66.9835, 86.4914, 64.2030 |
| YIQ | 228.9100, -18.5630, -32.5390 |

Conversions

Conversions Part 2

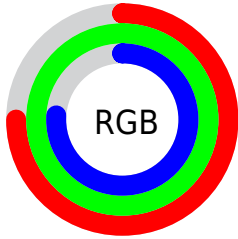
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 191, 252, 255 |
| Decimal | 12582850 |
| CIELab | 94.52, -31.44, 22.84 |
| CIELCh | 95, 38.860, 143.995 |
| Yxy | 86.4914, 0.3077, 0.3973 |
| Android (android.graphics.Color) | 4290772930 (0xFFBFFFC2) |
| YUV | 228.9100, -17.2106, -33.2471 |
| Hunter-Lab | 93.0008, -34.1873, 24.1697 |

Details

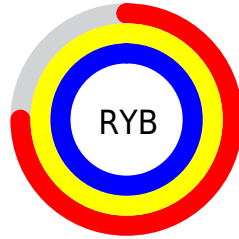
The XYZ color **66.9835, 86.4914, 64.2030** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.4417, 65.5505, 100.6659**, and the grayscale version is **74.5420, 78.4240, 85.4037**.

A 20% lighter version of the original color is **91.8840, 98.4415, 105.4251**, and **35.0811, 47.5159, 32.1335** is the 20% darker color. If you saturate the color by 10%, you get **58.6087, 82.4641, 50.7086**, and if you desaturate by 10%, it is **76.9224, 91.2735, 80.1035**.

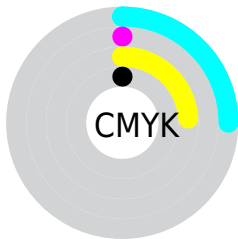
Distribution



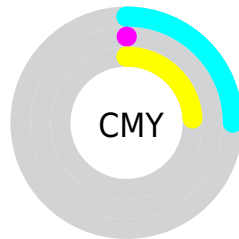
- Red (75%)
- Green (100%)
- Blue (76%)



- Red (75%)
- Yellow (99%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9835, 86.4914, 64.2030 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 66.9835, 86.4914, 64.2030 by changing the saturation by 10% instead.


 66.9835, 86.4914,
64.2030

 66.9835, 86.4914,
64.2030


439.3194,
516.5502, 458.1499

 49.3419, 65.0744,
46.3679


 113.9467,
142.4550, 112.5055

 35.1064, 47.5214,
32.1855


143.9990,
177.7704, 143.8100

 23.9117, 33.4480,
21.2372


178.9188,
218.4874, 180.4413

 15.3925, 22.4699,
13.1046

219.0716,
264.9904, 222.8181

 9.1835, 14.2026,
7.3690

264.8227,
317.6638, 271.3588

 4.9191, 8.2617,
3.6120


316.5375,


 2.2341, 4.2629,

376.8920, 326.4819


1.4150

374.5813,
443.0593, 388.6061


 0.7606, 1.8217,
0.1534


 0.0000, 0.5006,
0.0000


 66.9835, 86.4914,
64.2030


 66.9835, 86.4914,
64.2030

 58.6087, 82.4641,
50.7086


 76.9224, 91.2735,
80.1035

 51.7167, 79.1521,
39.4995

 88.4975, 96.8451,
98.5150

 46.2215, 76.5138,
30.4503

95.0500, 100.0000,
108.9000

 42.0276, 74.5030,
23.4221

■ 39.0275, 73.0675,
18.2598

■ 37.0965, 72.1470,
14.7859

■ 36.0823, 71.6672,
12.7886

■ 35.8261, 71.5464,
12.2680

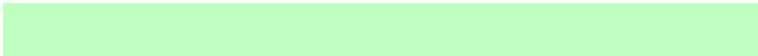
Harmonies

Analogous

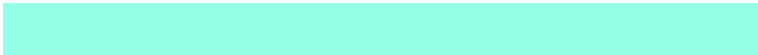
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2950, 86.4914, 50.7359



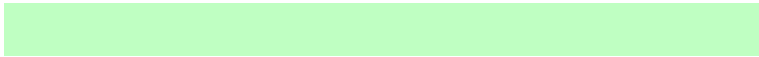
66.9835, 86.4914, 64.2030



63.7796, 86.4914, 88.2744

Triad

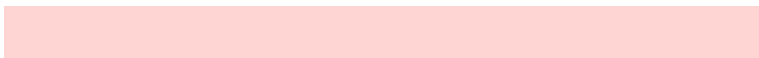
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9835, 86.4914, 64.2030



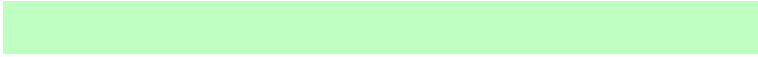
80.1207, 86.4914, 163.8796



101.9901, 86.4914, 72.6345

Complementary

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



66.9835, 86.4914, 64.2030



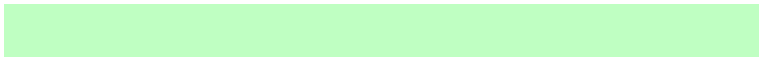
77.4417, 65.5505, 100.6659

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.



103.8815, 86.4914, 100.3317



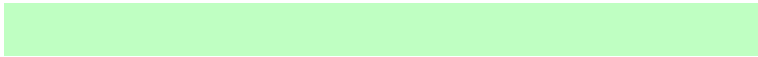
66.9835, 86.4914, 64.2030



90.6627, 86.4914, 157.2259

Square

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



66.9835, 86.4914, 64.2030



70.9393, 86.4914, 148.8946



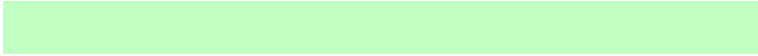
99.5793, 86.4914, 132.2666



94.6099, 86.4914, 54.8323

Rectangle

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



66.9835, 86.4914, 64.2030



64.1914, 86.4914, 108.8060



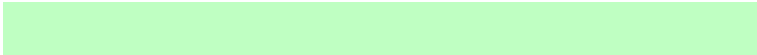
99.5793, 86.4914, 132.2666



103.3136, 86.4914, 80.9172

Sweetspot

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



66.9841, 86.4917, 64.2044



84.9650, 95.1445, 92.9060



85.6237, 96.1393, 63.3350



17.8061, 20.1820, 19.2818



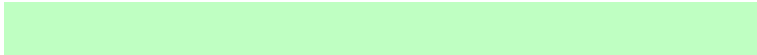
0.0000, 0.0000, 0.0000



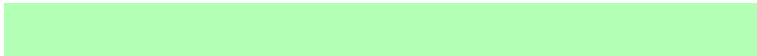
20.3446, 21.4041, 23.3091

Same Dimension

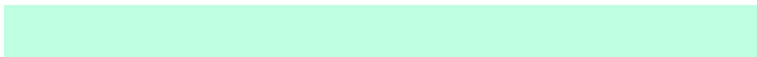
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9841, 86.4917, 64.2044



62.6875, 84.4252, 57.2947



70.8552, 88.0401, 84.5891



17.8061, 20.1820, 19.2818



18.7345, 37.3904, 6.4872



1.8357, 3.6452, 0.6927

Inverse Universe

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



77.4417, 65.5505, 100.6659



74.7379, 60.2913, 99.3070



72.9046, 63.7357, 76.7738



18.7537, 18.2848, 22.5862



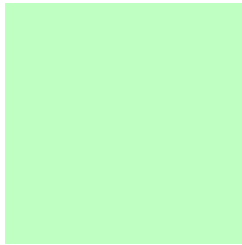
30.0216, 14.4979, 45.6256



2.9340, 1.4160, 4.4999

Previews

White Background



This preview shows how the XYZ color 66.9835, 86.4914, 64.2030 looks on a white background.

Color Contrast Check

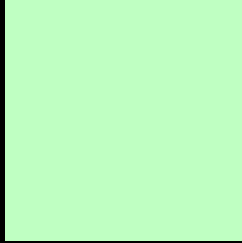
Large Text (above 18pt) WCAG AA × Fail

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 66.9835, 86.4914, 64.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

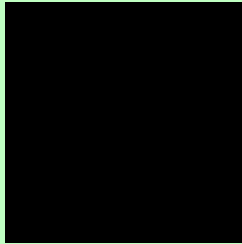
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9835, 86.4914, 64.2030

Background



This preview shows how black text looks on a background with the XYZ color 66.9835, 86.4914, 64.2030.

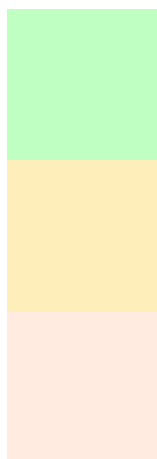


This preview shows how white text looks on a background with the XYZ color 66.9835, 86.4914,

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

66.9835, 86.4914, 64.2030

Protanopia

80.3105, 85.7651, 58.7759

Deuteranopia

84.2676, 86.0044, 81.9712



Tritanopia

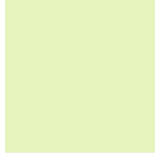
79.0140, 86.2266, 107.0867

Trichromacy



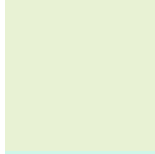
Original Color

66.9835, 86.4914, 64.2030



Protanomaly

74.4910, 85.3644, 60.6950



Deuteranomaly

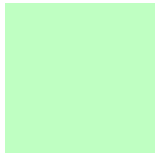
76.9145, 85.4135, 74.7200



Tritanomaly

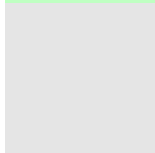
73.9812, 85.8146, 89.7554

Monochromacy



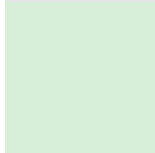
Original Color

66.9835, 86.4914, 64.2030



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

70.9935, 80.5540, 76.7725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9835, 86.4914, 64.2030 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(191, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 194)  
}
```

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(191, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 66.9835, 86.4914, 64.2030 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(191, 255, 194) }
```


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

```
.border{ border-color:rgb(191, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 255, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 255, 194); box-shadow:4px 4px 4px 4px rgb(191, 255, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9835, 86.4914, 64.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 194) }
```

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

```
.background{ background-color: rgb(191,  
255, 194) }
```

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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