

Converting Colors

XYZ(65.9983, 84.3549, 69.5415)

Have a look what the booklet for
XYZ(65.9983, 84.3549, 69.5415)
contains.

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Color

**XYZ(66.0834, 84.4974,
69.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFCCB
RGB	187, 252, 203
RGB Percent	73%, 99%, 80%
CMY	0.2667, 0.0117, 0.2039
CMYK	0.26, 0.00, 0.19, 0.01
HSL	135°, 92%, 86%
HSV	135°, 26%, 99%
XYZ	66.0834, 84.4974, 69.3266
YIQ	226.9790, -23.0110, -29.0190

Conversions

Conversions Part 2

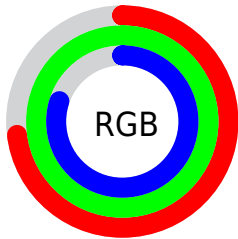
Format	Color
RYB	187, 239, 252
Decimal	12319947
CIELab	93.67, -29.75, 17.02
CIELCh	94, 34.274, 150.224
Yxy	84.4974, 0.3005, 0.3842
Android (android.graphics.Color)	4290510027 (0xFFBBFCCB)
YUV	226.9790, -11.8216, -35.0616
Hunter-Lab	91.9225, -32.5400, 19.6301

Details

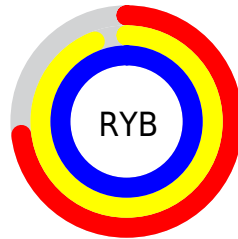
The XYZ color **66.0834, 84.4974, 69.3266** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0584, 62.2941, 87.5337**, and the grayscale version is **73.0955, 76.9022, 83.7464**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.4556, 46.1057, 35.5171** is the 20% darker color. If you saturate the color by 10%, you get **58.3242, 80.7455, 57.8614**, and if you desaturate by 10%, it is **75.2065, 88.9251, 82.3074**.

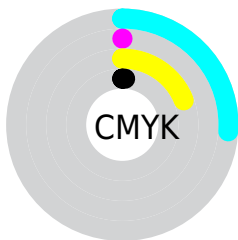
Distribution



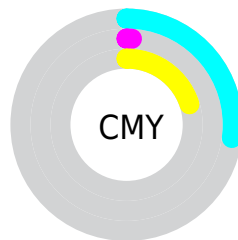
- Red (73%)
- Green (99%)
- Blue (80%)



- Red (73%)
- Yellow (94%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (27%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0834, 84.4974, 69.3266 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 66.0834, 84.4974, 69.3266 by changing the saturation by 10% instead.


 66.0834, 84.4974,
69.3266

 66.0834, 84.4974,
69.3266


436.1590,
509.9635, 476.9071

 48.6081, 63.4262,
50.5043


 112.6631,
139.6708, 119.9200

 34.5219, 46.1861,
35.4403


142.4982,
174.5417, 152.5283

 23.4596, 32.3927,
23.7160


177.1838,
214.7813, 190.5689

 15.0558, 21.6616,
14.9128

217.0855,
260.7740, 234.4605

 8.9451, 13.6085,
8.6123

262.5685,
312.9042, 284.6216

 4.7622, 7.8489,
4.3958

313.9982,

 2.1418, 3.9984,

371.5562, 341.4707

1.8449

371.7399,
437.1145, 405.4263

0.7118, 1.6727,
0.4573

0.0000, 0.4059,
0.0000

66.0834, 84.4974,
69.3266

66.0834, 84.4974,
69.3266

58.3242, 80.7455,
57.8614

75.2065, 88.9251,
82.3074

51.8554, 77.6256,
47.8510

85.7484, 94.0487,
96.8505

46.6071, 75.1052,
39.2385

94.1020, 98.1041,
108.5840

42.4997, 73.1446,
31.9613

■ 39.4440, 71.6992,
25.9520

■ 37.3365, 70.7171,
21.1370

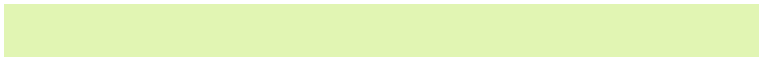
■ 36.0509, 70.1349,
17.4350

■ 35.6824, 69.9722,
16.1872

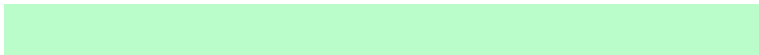
Harmonies

Analogous

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



71.8355, 84.4974, 55.1904



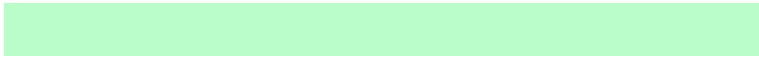
66.0834, 84.4974, 69.3266



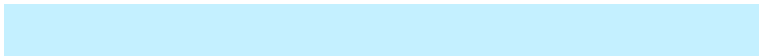
64.0789, 84.4974, 92.1990

Triad

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



66.0834, 84.4974, 69.3266



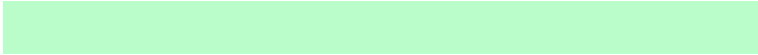
80.3805, 84.4974, 151.6513



96.3725, 84.4974, 69.0466

Complementary

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



66.0834, 84.4974, 69.3266



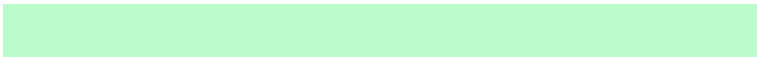
73.0584, 62.2941, 87.5337

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.



99.0789, 84.4974, 91.8079



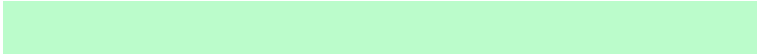
66.0834, 84.4974, 69.3266



89.4309, 84.4974, 142.3583

Square

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



66.0834, 84.4974, 69.3266



71.9453, 84.4974, 142.6200



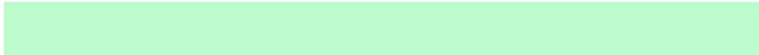
96.4496, 84.4974, 119.1533



89.3040, 84.4974, 55.0514

Rectangle

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



66.0834, 84.4974, 69.3266



65.0097, 84.4974, 110.4051



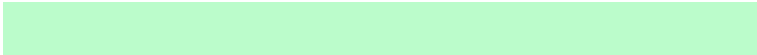
96.4496, 84.4974, 119.1533



97.8454, 84.4974, 75.7691

Sweetspot

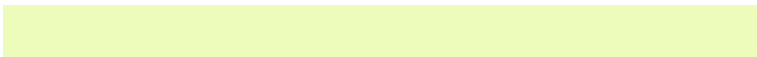
The Sweet Spot groups the original color and five complimentary colors.



66.0857, 84.5009, 69.3285



85.5610, 95.3829, 96.0447



78.6527, 91.1886, 60.4703



17.9549, 20.2415, 20.0655



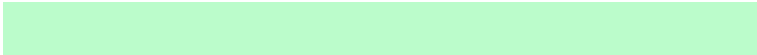
0.0000, 0.0000, 0.0000



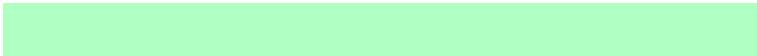
20.3446, 21.4041, 23.3091

Same Dimension

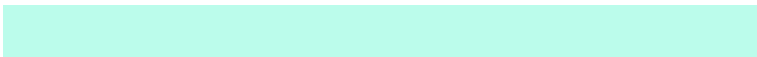
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0857, 84.5009, 69.3285



63.5497, 84.7029, 64.8719



70.2538, 86.1682, 91.2775



17.1926, 19.3793, 19.2146



18.6352, 36.4671, 8.6880



1.7661, 3.3936, 1.0163

Inverse Universe

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



73.0584, 62.2941, 87.5337



71.8294, 58.3206, 86.4796



68.8568, 60.6135, 65.4086



17.7997, 17.4472, 20.8011



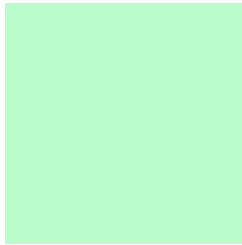
25.8133, 12.7411, 26.7891



2.4326, 1.1968, 2.7016

Previews

White Background



This preview shows how the XYZ color 66.0834, 84.4974, 69.3266 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 66.0834, 84.4974, 69.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

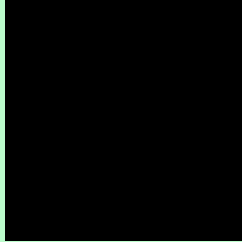
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

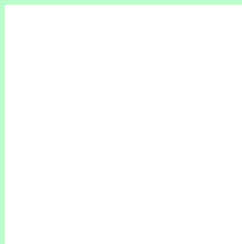
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0834, 84.4974, 69.3266

Background



This preview shows how black text looks on a background with the XYZ color 66.0834, 84.4974, 69.3266.



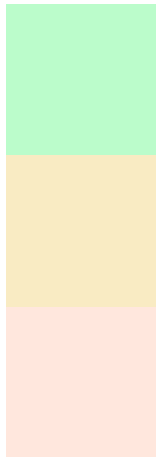
This preview shows how white text looks on a background with the XYZ color 66.0834, 84.4974,

69.3266.

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

66.0834, 84.4974, 69.3266

Protanopia

78.6256, 83.4965, 63.6022

Deuteranopia

82.8671, 83.6323, 80.1817



Tritanopia

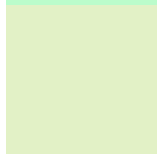
76.3693, 83.9795, 106.7923

Trichromacy



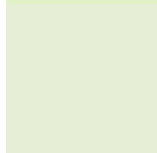
Original Color

66.0834, 84.4974, 69.3266



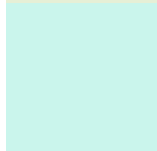
Protanomaly

73.0124, 83.1566, 65.6287



Deuteranomaly

75.6372, 83.4110, 75.7318



Tritanomaly

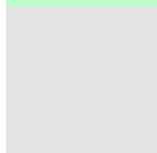
72.1499, 83.9175, 91.7519

Monochromacy



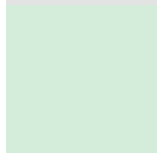
Original Color

66.0834, 84.4974, 69.3266



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.8017, 79.0499, 77.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0834, 84.4974, 69.3266 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(187, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(187, 252, 203)  
}
```

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(187, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 252, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.0834, 84.4974, 69.3266 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(187, 252, 203) }
```


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

```
.border{ border-color:rgb(187, 252, 203) }
```

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

Here you see how a box with a 4 pixel rgb(187, 252, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(187, 252,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0834, 84.4974, 69.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 252, 203) }
```

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

```
.background{ background-color: rgb(187,  
252, 203) }
```

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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