

Converting Colors

XYZ(67.2222, 84.8594, 78.7497)

Have a look what the booklet for
XYZ(67.2222, 84.8594, 78.7497)
contains.

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Color

**XYZ(67.1020, 84.8209,
78.4811)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FCD9
RGB	184, 252, 217
RGB Percent	72%, 99%, 85%
CMY	0.2784, 0.0117, 0.1490
CMYK	0.27, 0.00, 0.14, 0.01
HSL	149°, 92%, 85%
HSV	149°, 27%, 99%
XYZ	67.1020, 84.8209, 78.4811
YIQ	227.6780, -29.2930, -25.3010

Conversions

Conversions Part 2

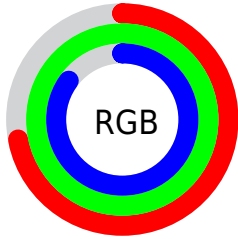
Format	Color
RYB	184, 230, 252
Decimal	12123353
CIELab	93.81, -28.09, 10.00
CIElCh	94, 29.814, 160.404
Yxy	84.8209, 0.2912, 0.3681
Android (android.graphics.Color)	4290313433 (0xFFB8FCD9)
YUV	227.6780, -5.2643, -38.3056
Hunter-Lab	92.0983, -31.1184, 13.9451

Details

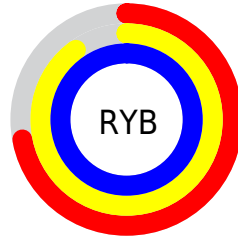
The XYZ color **67.1020, 84.8209, 78.4811** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.0745, 60.0931, 74.9273**, and the grayscale version is **73.5620, 77.3930, 84.2810**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **35.0900, 46.3060, 41.2709** is the 20% darker color. If you saturate the color by 10%, you get **59.9735, 81.3357, 69.6844**, and if you desaturate by 10%, it is **75.4431, 88.9205, 88.0305**.

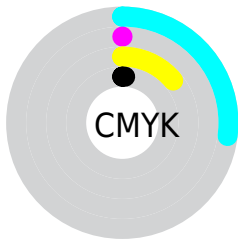
Distribution



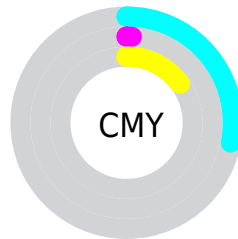
- Red (72%)
- Green (99%)
- Blue (85%)



- Red (72%)
- Yellow (90%)
- Blue (99%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1020, 84.8209, 78.4811 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 67.1020, 84.8209, 78.4811 by changing the saturation by 10% instead.


 67.1020, 84.8209,
78.4811

 67.1020, 84.8209,
78.4811

439.7345,
511.0352, 509.3703

 49.4385, 63.6934,
57.9505


 114.1155,
140.1229, 133.0201

 35.1834, 46.4024,
41.3544


144.1963,
175.0662, 167.8656

 23.9714, 32.5635,
28.2743


179.1469,
215.3836, 208.3198

 15.4370, 21.7923,
18.2917

219.3327,
261.4594, 254.8013

 9.2150, 13.7043,
10.9880

265.1190,
313.6781, 307.7285

 4.9399, 7.9153,
5.9447

316.8711,

 2.2464, 4.0408,

372.4241, 367.5201

2.7432

374.9545,
438.0816, 434.5945

■ 0.7670, 1.6964,
0.9651

■ 0.0000, 0.4213,
0.0000

■ 67.1020, 84.8209,
78.4811

■ 67.1020, 84.8209,
78.4811

■ 59.9735, 81.3357,
69.6844

■ 75.4431, 88.9205,
88.0305

■ 53.9905, 78.4237,
61.6161

■ 85.0456, 93.6524,
98.3447

■ 49.0899, 76.0551,
54.2585

■ 94.1020, 98.1039,
108.5840

■ 45.1991, 74.1929,
47.5913

■ 42.2362, 72.7952,
41.5928

■ 40.1056, 71.8131,
36.2401

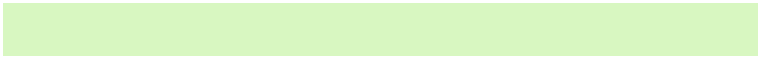
■ 38.6860, 71.1845,
31.5081

■ 38.3429, 71.0363,
30.1974

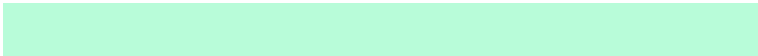
Harmonies

Analogous

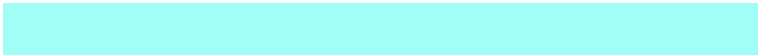
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1425, 84.8209, 62.9551



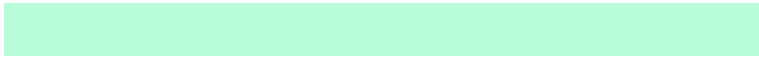
67.1020, 84.8209, 78.4811



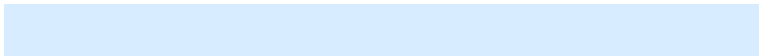
66.5444, 84.8209, 100.4609

Triad

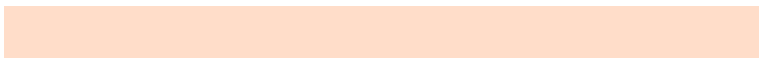
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1020, 84.8209, 78.4811



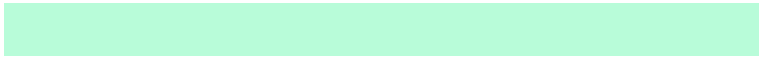
83.4023, 84.8209, 142.2604



92.7865, 84.8209, 66.8631

Complementary

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



67.1020, 84.8209, 78.4811



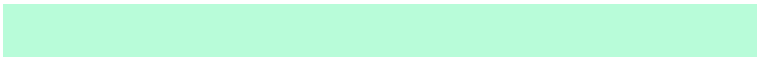
70.0745, 60.0931, 74.9273

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.



96.5518, 84.8209, 84.6983



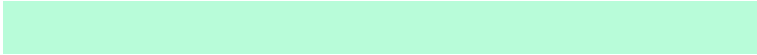
67.1020, 84.8209, 78.4811



90.9033, 84.8209, 129.7248

Square

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



67.1020, 84.8209, 78.4811



75.6172, 84.8209, 139.8600



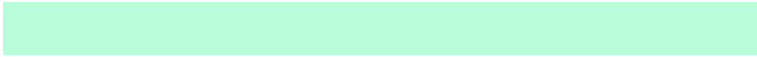
95.8409, 84.8209, 107.7758



85.8381, 84.8209, 57.0474

Rectangle

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



67.1020, 84.8209, 78.4811



68.1808, 84.8209, 116.2439



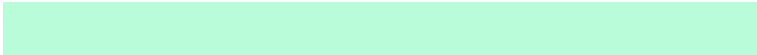
95.8409, 84.8209, 107.7758



94.4864, 84.8209, 71.9870

Sweetspot

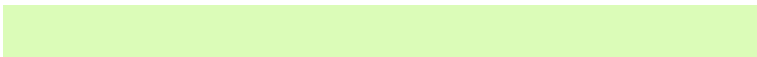
The Sweet Spot groups the original color and five complimentary colors.



67.1043, 84.8244, 78.4830



86.2941, 95.6762, 99.9053



72.7186, 88.1660, 58.5338



18.1388, 20.3151, 21.0342



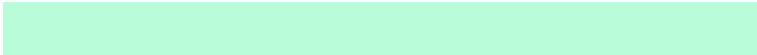
0.0000, 0.0000, 0.0000



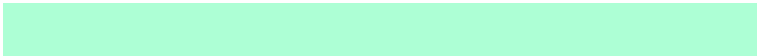
20.3446, 21.4041, 23.3091

Same Dimension

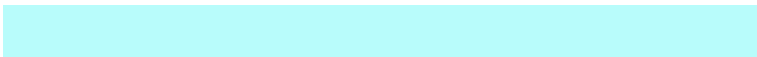
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1043, 84.8244, 78.4830



65.0922, 85.2539, 75.9745



71.9720, 86.7715, 104.1159



17.3683, 19.4496, 20.1403



20.0462, 37.0315, 16.1183



1.9100, 3.4511, 1.7737

Inverse Universe

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



70.0745, 60.0931, 74.9273



68.5779, 56.2278, 71.7997



66.0589, 58.4868, 53.7815



17.6176, 17.3744, 19.8421



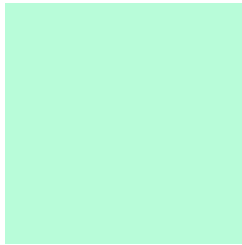
23.0756, 11.6460, 12.3726



2.1908, 1.1001, 1.4281

Previews

White Background



This preview shows how the XYZ color 67.1020, 84.8209, 78.4811 looks on a white background.

Color Contrast Check

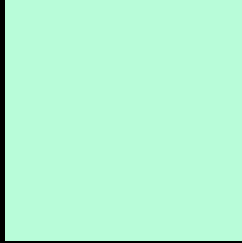
Large Text (above 18pt) WCAG AA × Fail

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 67.1020, 84.8209, 78.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

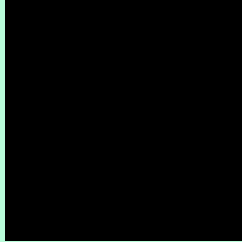
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

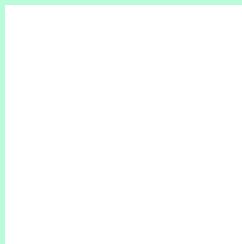
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1020, 84.8209, 78.4811

Background



This preview shows how black text looks on a background with the XYZ color 67.1020, 84.8209, 78.4811.



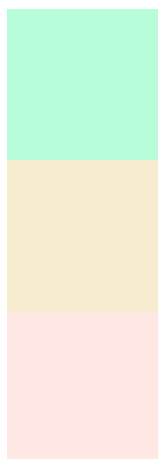
This preview shows how white text looks on a background with the XYZ color 67.1020, 84.8209,

78.4811.

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

67.1020, 84.8209, 78.4811

Protanopia

79.7384, 84.3191, 71.7471

Deuteranopia

83.6810, 83.9579, 84.4681



Tritanopia

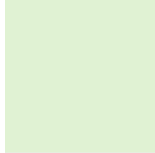
76.3805, 84.4259, 106.8779

Trichromacy



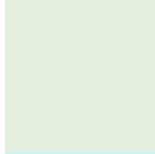
Original Color

67.1020, 84.8209, 78.4811



Protanomaly

74.2505, 84.0547, 73.9388



Deuteranomaly

76.4989, 83.7187, 81.9394



Tritanomaly

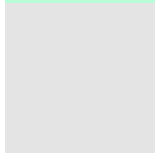
72.9203, 84.6799, 95.7206

Monochromacy



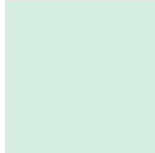
Original Color

67.1020, 84.8209, 78.4811



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.8901, 79.9472, 82.2161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1020, 84.8209, 78.4811 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(184, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 252, 217)  
}
```

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(184, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 252, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.1020, 84.8209, 78.4811 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(184, 252, 217) }
```


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

```
.border{ border-color:rgb(184, 252, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 252, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(184, 252,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1020, 84.8209, 78.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 252, 217) }
```

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

```
.background{ background-color: rgb(184,  
252, 217) }
```

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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