

Converting Colors

XYZ(68.9346, 85.3439, 67.2843)

Have a look what the booklet for
XYZ(68.9346, 85.3439, 67.2843)
contains.

XYZ(69.0099, 85.5820, 67.5254)	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(69.0099, 85.5820,
67.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FBC8
RGB	201, 251, 200
RGB Percent	79%, 98%, 78%
CMY	0.2118, 0.0157, 0.2157
CMYK	0.20, 0.00, 0.20, 0.02
HSL	119°, 86%, 88%
HSV	119°, 20%, 98%
XYZ	69.0099, 85.5820, 67.5254
YIQ	230.2360, -13.4290, -26.4610

Conversions

Conversions Part 2

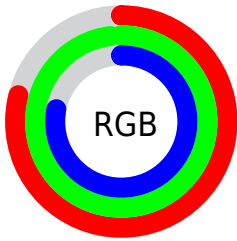
Format	Color
RYB	200, 251, 250
Decimal	13237192
CIELab	94.13, -25.32, 19.33
CIELCh	94, 31.854, 142.640
Yxy	85.5820, 0.3107, 0.3853
Android (android.graphics.Color)	4291427272 (0xFFC9FBC8)
YUV	230.2360, -14.9063, -25.6400
Hunter-Lab	92.5105, -28.7382, 21.4804

Details

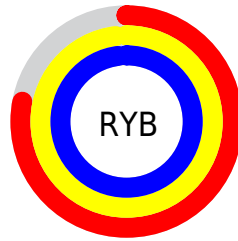
The XYZ color **69.0099, 85.5820, 67.5254** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.4948, 68.6001, 100.4280**, and the grayscale version is **75.5045, 79.4366, 86.5065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3342, 46.7699, 34.3066** is the 20% darker color. If you saturate the color by 10%, you get **60.2204, 81.3649, 53.0379**, and if you desaturate by 10%, it is **79.3454, 90.5454, 84.6027**.

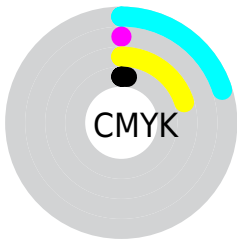
Distribution



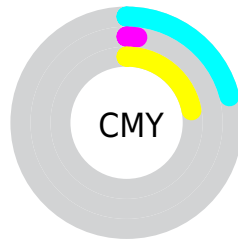
- Red (79%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0099, 85.5820, 67.5254 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 69.0099, 85.5820, 67.5254 by changing the saturation by 10% instead.

69.0099, 85.5820,
67.5254

69.0099, 85.5820,
67.5254

446.3867,
513.5519, 470.3650

50.9964, 64.3224,
49.0475

116.8297,
141.1860, 117.3207

36.4268, 46.9118,
34.2913

147.3668,
176.2992, 149.4752

24.9356, 32.9660,
22.8383

182.8091,
216.7991, 187.0255

16.1576, 22.1004,
14.2700

223.5220,
263.0700, 230.3903

9.7273, 13.9307,
8.1678

269.8708,
315.4963, 279.9882

5.2794, 8.0725,
4.1132

322.2210,

2.4485, 4.1413,

374.4625, 336.2375

1.6876

380.9379,
440.3529, 399.5569

■ 0.8694, 1.7529,
0.3522

■ 0.0000, 0.4576,
0.0000

■ 69.0099, 85.5820,
67.5254

■ 69.0099, 85.5820,
67.5254

■ 60.2204, 81.3649,
53.0379

■ 79.3454, 90.5454,
84.6027

■ 52.8963, 77.8479,
41.0085

■ 91.2889, 96.2771,
104.3816

■ 46.9599, 74.9962,
31.3026

■ 93.7889, 97.4777,
108.4796

■ 42.3236, 72.7681,
23.7703

■ 38.8902, 71.1168,
18.2443

■ 36.5483, 69.9892,
14.5331

■ 35.1662, 69.3223,
12.4076

■ 34.5604, 69.0295,
11.5025

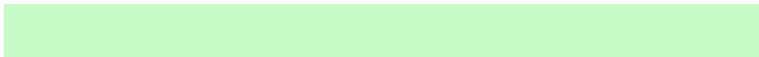
Harmonies

Analogous

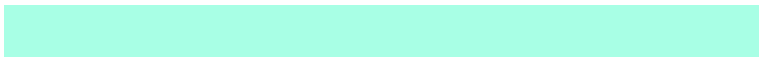
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2014, 85.5820, 56.2577



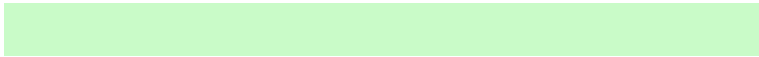
69.0099, 85.5820, 67.5254



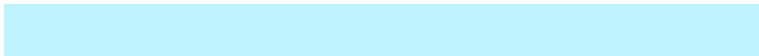
66.1603, 85.5820, 87.3046

Triad

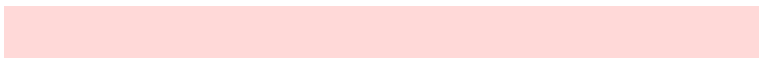
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0099, 85.5820, 67.5254



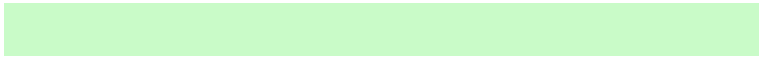
79.2634, 85.5820, 147.8600



97.4112, 85.5820, 76.2732

Complementary

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



69.0099, 85.5820, 67.5254



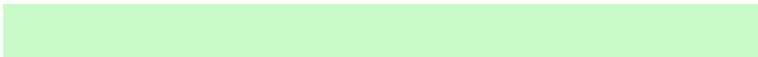
77.4948, 68.6001, 100.4280

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.



98.6874, 85.5820, 99.3221



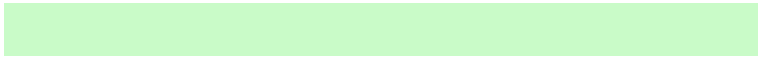
69.0099, 85.5820, 67.5254



87.8104, 85.5820, 143.5131

Square

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



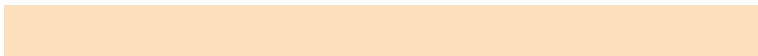
69.0099, 85.5820, 67.5254



71.8057, 85.5820, 135.6491



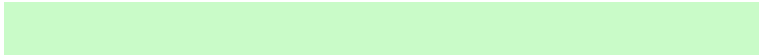
95.0646, 85.5820, 124.6368



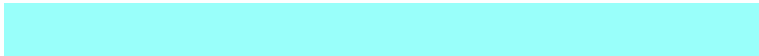
91.6897, 85.5820, 60.6592

Rectangle

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



69.0099, 85.5820, 67.5254



66.3887, 85.5820, 103.8270



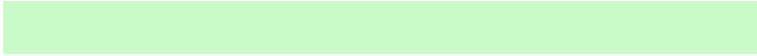
95.0646, 85.5820, 124.6368



98.3898, 85.5820, 83.2948

Sweetspot

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



69.0122, 85.5856, 67.5273



87.3787, 96.3187, 96.1906



84.1813, 92.6207, 68.0857



18.5319, 20.5342, 20.3060



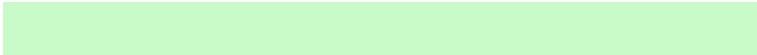
0.0000, 0.0000, 0.0000



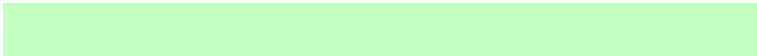
20.3446, 21.4041, 23.3091

Same Dimension

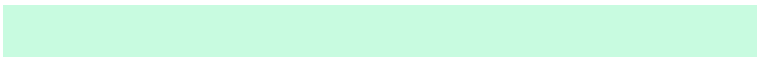
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0122, 85.5856, 67.5273



67.9805, 87.0080, 64.1325



71.7468, 86.6486, 83.3249



17.0488, 19.3254, 18.2940



18.1794, 36.2901, 6.0465



1.6944, 3.3666, 0.5605

Inverse Universe

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



77.4948, 68.6001, 100.4280



78.0976, 66.7479, 103.3752



74.3337, 67.3771, 81.9080



17.9575, 17.5062, 21.8179



29.1612, 13.9759, 49.1342



2.7113, 1.2998, 4.5512

Previews

White Background



This preview shows how the XYZ color 69.0099, 85.5820, 67.5254 looks on a white background.

Color Contrast Check

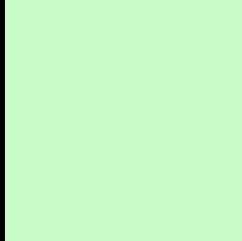
Large Text (above 18pt) WCAG AA × Fail

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 69.0099, 85.5820, 67.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

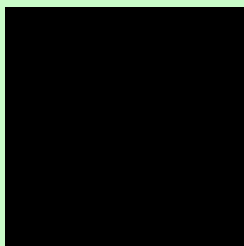
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

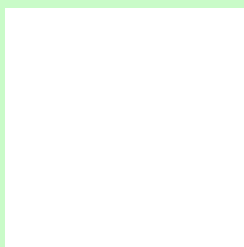
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0099, 85.5820, 67.5254

Background



This preview shows how black text looks on a background with the XYZ color 69.0099, 85.5820, 67.5254.



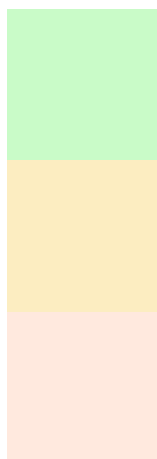
This preview shows how white text looks on a background with the XYZ color 69.0099, 85.5820,

67.5254.

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

69.0099, 85.5820, 67.5254

Protanopia

80.0547, 85.1141, 62.6614

Deuteranopia

83.5637, 84.8118, 81.0733



Tritanopia

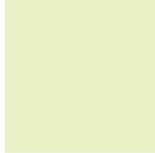
79.0205, 85.3462, 106.9164

Trichromacy



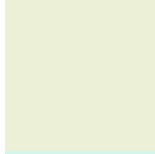
Original Color

69.0099, 85.5820, 67.5254



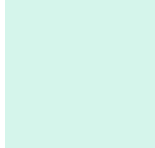
Protanomaly

75.3202, 84.8134, 64.6254



Deuteranomaly

77.5586, 84.8374, 75.9058



Tritanomaly

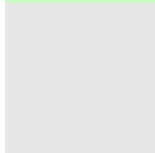
75.0884, 85.4491, 91.1330

Monochromacy



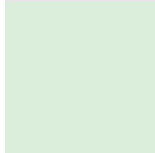
Original Color

69.0099, 85.5820, 67.5254



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.5741, 81.3236, 78.8898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0099, 85.5820, 67.5254 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(201, 251, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 251, 200)  
}
```

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(201, 251, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 251, 200) }
```

Border

The CSS property to change the border of an element to XYZ 69.0099, 85.5820, 67.5254 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(201, 251, 200) }
```


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

```
.border{ border-color:rgb(201, 251, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 251, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 251, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 251, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 251,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0099, 85.5820, 67.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 251, 200) }
```

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

```
.background{ background-color: rgb(201,  
251, 200) }
```

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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