

Converting Colors

XYZ(69.0980, 83.8213, 65.4230)

Have a look what the booklet for
XYZ(69.0980, 83.8213, 65.4230)
contains.

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Color

**XYZ(69.0709, 83.8181,
65.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF7C5
RGB	207, 247, 197
RGB Percent	81%, 97%, 77%
CMY	0.1882, 0.0314, 0.2274
CMYK	0.16, 0.00, 0.20, 0.03
HSL	108°, 76%, 87%
HSV	108°, 20%, 97%
XYZ	69.0709, 83.8181, 65.3614
YIQ	229.3400, -7.7900, -24.0300

Conversions

Conversions Part 2

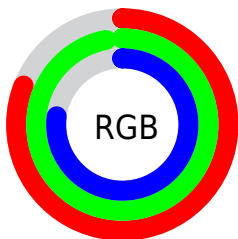
Format	Color
RYB	197, 247, 237
Decimal	13629381
CIELab	93.37, -21.90, 19.86
CIELCh	93, 29.564, 137.802
Yxy	83.8181, 0.3165, 0.3840
Android (android.graphics.Color)	4291819461 (0xFFCFF7C5)
YUV	229.3400, -15.9436, -19.5922
Hunter-Lab	91.5522, -25.5484, 21.7580

Details

The XYZ color **69.0709, 83.8181, 65.3614** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.6832, 64.6548, 96.7016**, and the grayscale version is **74.8463, 78.7441, 85.7524**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.5376, 45.9202, 32.9243** is the 20% darker color. If you saturate the color by 10%, you get **61.2901, 80.1101, 51.4142**, and if you desaturate by 10%, it is **78.0110, 88.0751, 81.7870**.

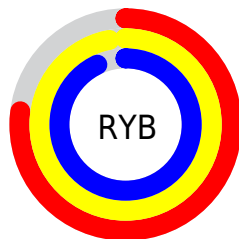
Distribution



Red (81%)

Green (97%)

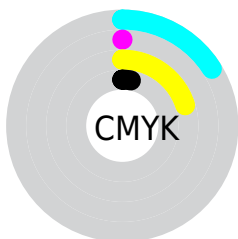
Blue (77%)



Red (77%)

Yellow (97%)

Blue (93%)

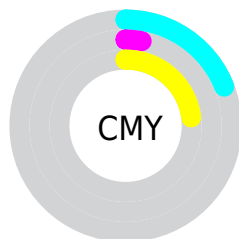


Cyan (16%)

Magenta (0%)

Yellow (20%)

Black (3%)



Cyan (19%)


Magenta (3%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0709, 83.8181, 65.3614 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 69.0709, 83.8181, 65.3614 by changing the saturation by 10% instead.

 69.0709, 83.8181,
65.3614

 69.0709, 83.8181,
65.3614


446.5985,
507.7090, 462.4313

 51.0463, 62.8653,
47.3010


116.9163,
138.7207, 114.1875

 36.4667, 45.7322,
32.9176


147.4679,
173.4392, 145.7903

 24.9666, 32.0346,
21.7927


182.9258,
213.5152, 182.7443

 16.1808, 21.3879,
13.5078

223.6555,
259.3328, 225.4680

 9.7438, 13.4078,
7.6443

270.0222,
311.2767, 274.3801

 5.2904, 7.7100,
3.7837

322.3914,

 2.4551, 3.9099,

369.7310, 329.8989

1.5075

381.1284,
435.0804, 392.4431

■ 0.8727, 1.6233,
0.2235

■ 0.0000, 0.3732,
0.0000

■ 69.0709, 83.8181,
65.3614

■ 69.0709, 83.8181,
65.3614

■ 61.2901, 80.1101,
51.4142

■ 78.0110, 88.0751,
81.7870

■ 54.6138, 76.9180,
39.8199

■ 88.1489, 92.8911,
100.7974

■ 48.9930, 74.2220,
30.4503

■ 92.5524, 95.0048,
108.0675

■ 44.3720, 71.9962,
23.1628

■ 40.6897, 70.2129,
17.7984

■ 37.8782, 68.8408,
14.1747

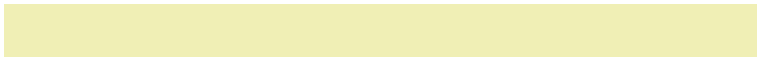
■ 35.8594, 67.8444,
12.0748

■ 34.5481, 67.1876,
11.1476

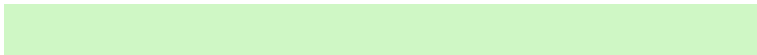
Harmonies

Analogous

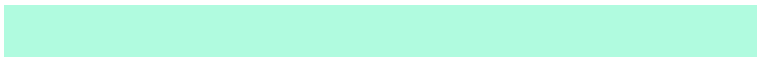
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1716, 83.8181, 56.1917



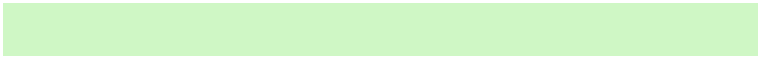
69.0709, 83.8181, 65.3614



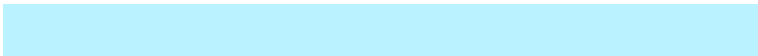
65.8966, 83.8181, 82.4915

Triad

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



69.0709, 83.8181, 65.3614



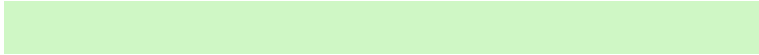
76.5416, 83.8181, 139.9766



94.8059, 83.8181, 78.7592

Complementary

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



69.0709, 83.8181, 65.3614



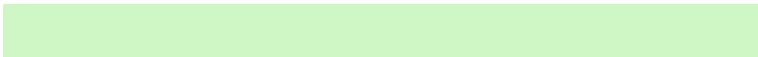
71.6832, 64.6548, 96.7016

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.



95.2325, 83.8181, 100.6366



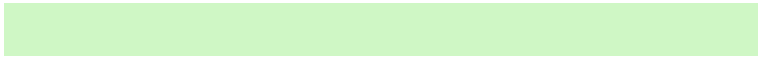
69.0709, 83.8181, 65.3614



84.3373, 83.8181, 138.5367

Square

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



69.0709, 83.8181, 65.3614



70.0174, 83.8181, 126.8998



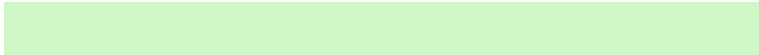
91.2940, 83.8181, 123.2383



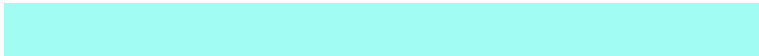
90.1639, 83.8181, 63.0143

Rectangle

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



69.0709, 83.8181, 65.3614



65.7209, 83.8181, 97.2158



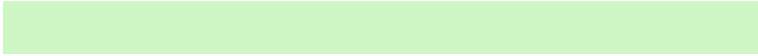
91.2940, 83.8181, 123.2383



95.4575, 83.8181, 85.5595

Sweetspot

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



69.0731, 83.8217, 65.3632



88.3228, 96.8054, 96.2348



78.7235, 84.3776, 64.9619



18.7541, 20.6488, 20.3164



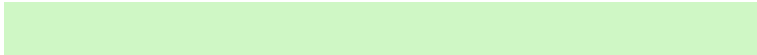
0.0000, 0.0000, 0.0000



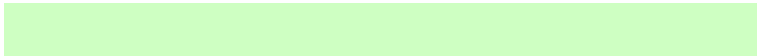
20.3446, 21.4041, 23.3091

Same Dimension

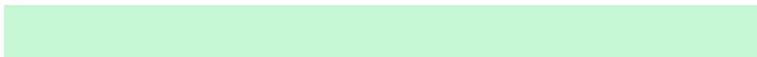
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0731, 83.8217, 65.3632



70.9393, 88.5333, 64.2710



68.1730, 83.1490, 74.7457



16.5916, 18.6315, 17.5193



18.3615, 35.5785, 5.8996



1.6939, 3.1683, 0.5223

Inverse Universe

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



71.6832, 64.6548, 96.7016



74.1774, 64.7270, 103.1917



72.8925, 65.5350, 85.1549



16.8700, 16.5912, 20.8558



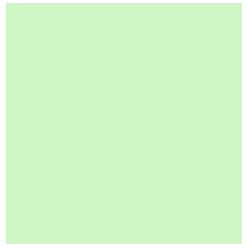
21.2598, 9.9342, 47.3350



1.9491, 0.9146, 4.1641

Previews

White Background



This preview shows how the XYZ color 69.0709, 83.8181, 65.3614 looks on a white background.

Color Contrast Check

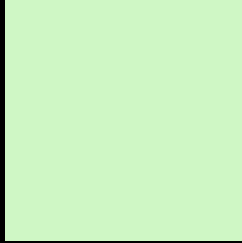
Large Text (above 18pt) WCAG AA × Fail

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 69.0709, 83.8181, 65.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

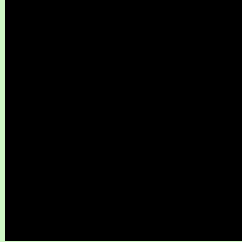
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

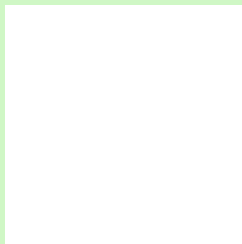
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0709, 83.8181, 65.3614

Background



This preview shows how black text looks on a background with the XYZ color 69.0709, 83.8181, 65.3614.



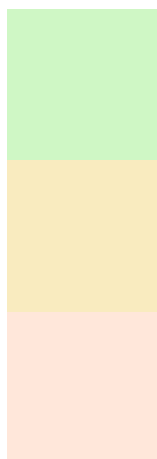
This preview shows how white text looks on a background with the XYZ color 69.0709, 83.8181,

65.3614.

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

69.0709, 83.8181, 65.3614

Protanopia

78.1792, 83.3180, 61.2517

Deuteranopia

82.4708, 83.4738, 78.0950



Tritanopia

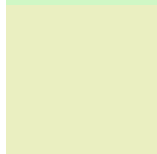
77.8380, 83.4291, 106.6087

Trichromacy



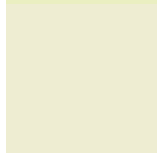
Original Color

69.0709, 83.8181, 65.3614



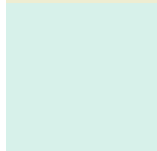
Protanomaly

74.4238, 83.0757, 62.5647



Deuteranomaly

77.1769, 83.3987, 73.0027



Tritanomaly

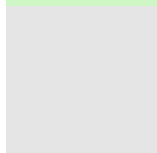
74.3309, 83.2982, 90.0024

Monochromacy



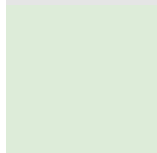
Original Color

69.0709, 83.8181, 65.3614



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.3386, 80.3728, 77.3465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0709, 83.8181, 65.3614 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(207, 247, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 247, 197)  
}
```

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(207, 247, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 247, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.0709, 83.8181, 65.3614 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(207, 247, 197) }
```


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

```
.border{ border-color:rgb(207, 247, 197) }
```

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

Here you see how a box with a 4 pixel rgb(207, 247, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 247, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 247, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 247,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0709, 83.8181, 65.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 247, 197) }
```

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

```
.background{ background-color: rgb(207,  
247, 197) }
```

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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