

Converting Colors

XYZ(69.0345, 86.1119, 73.0372)

Have a look what the booklet for
XYZ(69.0345, 86.1119, 73.0372)
contains.

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Color

**XYZ(69.0840, 85.9600,
73.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FCD1
RGB	196, 252, 209
RGB Percent	77%, 99%, 82%
CMY	0.2314, 0.0117, 0.1804
CMYK	0.22, 0.00, 0.17, 0.01
HSL	134°, 90%, 88%
HSV	134°, 22%, 99%
XYZ	69.0840, 85.9600, 73.2724
YIQ	230.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

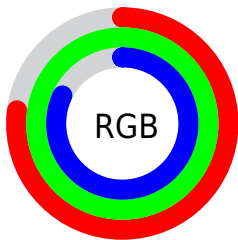
Format	Color
RYB	196, 241, 252
Decimal	12909777
CIELab	94.30, -25.86, 14.90
CIElCh	94, 29.842, 150.044
Yxy	85.9600, 0.3026, 0.3765
Android (android.graphics.Color)	4291099857 (0xFFC4FCD1)
YUV	230.3540, -10.5275, -30.1285
Hunter-Lab	92.7146, -29.2457, 18.0433

Details

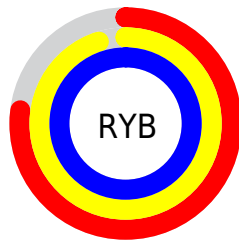
The XYZ color **69.0840, 85.9600, 73.2724** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.4678, 66.4094, 90.5059**, and the grayscale version is **75.5638, 79.4990, 86.5745**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **36.4160, 47.0595, 38.1744** is the 20% darker color. If you saturate the color by 10%, you get **60.8196, 81.9622, 61.1304**, and if you desaturate by 10%, it is **78.7451, 90.6490, 87.0024**.

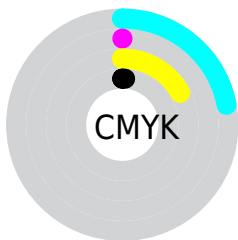
Distribution



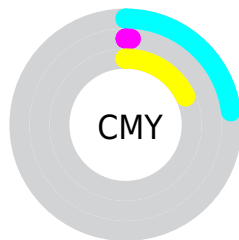
- Red (77%)
- Green (99%)
- Blue (82%)



- Red (77%)
- Yellow (95%)
- Blue (99%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (23%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0840, 85.9600, 73.2724 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 69.0840, 85.9600, 73.2724 by changing the saturation by 10% instead.

69.0840, 85.9600,
73.2724

69.0840, 85.9600,
73.2724

446.6439,
514.7993, 491.0544

51.0570, 64.6349,
53.7056

116.9350,
141.7137, 125.5883

36.4752, 47.1651,
37.9747

147.4896,
176.9110, 159.1745

24.9732, 33.1662,
25.6614

182.9509,
217.5013, 198.2709

16.1857, 22.2538,
16.3470

223.6842,
263.8687, 243.2960

9.7474, 14.0435,
9.6130

270.0547,
316.3979, 294.6683

5.2928, 8.1509,
5.0409

322.4280,

2.4565, 4.1917,

375.4731, 352.8065

2.2121

381.1693,
441.4788, 418.1290

■ 0.8734, 1.7814,
0.6814

■ 0.0000, 0.4755,
0.0000

■ 69.0840, 85.9600,
73.2724

■ 69.0840, 85.9600,
73.2724

■ 60.8196, 81.9622,
61.1304

■ 78.7451, 90.6490,
87.0024

■ 53.8794, 78.6122,
50.5134

■ 89.8568, 96.0487,
102.3691

■ 48.1952, 75.8786,
41.3628

■ 94.1020, 98.1041,
108.5840

■ 43.6896, 73.7227,
33.6135

■ 40.2763, 72.1015,
27.1961

■ 37.8567, 70.9659,
22.0348

■ 36.3132, 70.2569,
18.0459

■ 35.5885, 69.9347,
15.6928

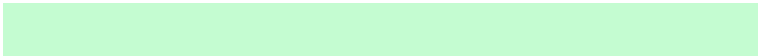
Harmonies

Analogous

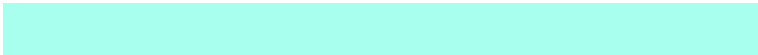
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2390, 85.9600, 60.3996



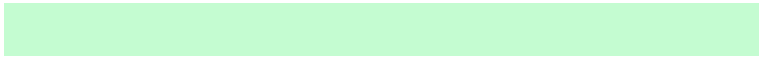
69.0840, 85.9600, 73.2724



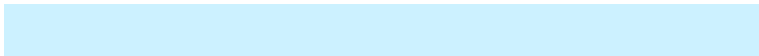
67.2623, 85.9600, 93.6295

Triad

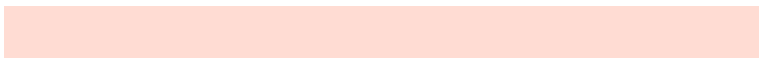
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0840, 85.9600, 73.2724



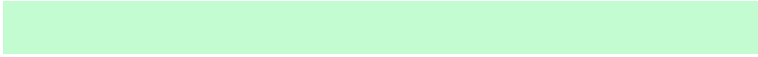
81.7142, 85.9600, 144.9356



95.7577, 85.9600, 73.2229

Complementary

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



69.0840, 85.9600, 73.2724



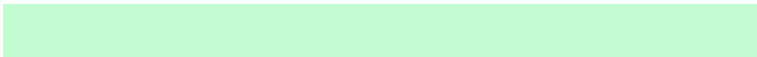
75.4678, 66.4094, 90.5059

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.



98.0740, 85.9600, 93.5622



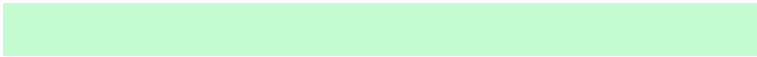
69.0840, 85.9600, 73.2724



89.6500, 85.9600, 137.1551

Square

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



69.0840, 85.9600, 73.2724



74.2580, 85.9600, 137.1985



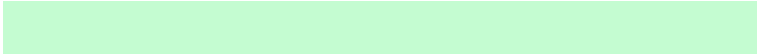
95.7707, 85.9600, 117.3675



89.6284, 85.9600, 60.3744

Rectangle

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



69.0840, 85.9600, 73.2724



68.0842, 85.9600, 109.5248



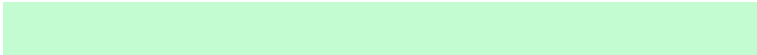
95.7707, 85.9600, 117.3675



97.0252, 85.9600, 79.2914

Sweetspot

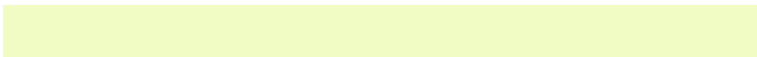
The Sweet Spot groups the original color and five complimentary colors.



69.0863, 85.9636, 73.2743



86.6562, 95.9188, 97.3961



80.6675, 92.1124, 65.7535



18.4006, 20.4590, 20.6429



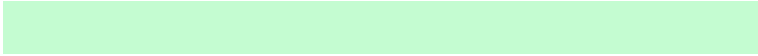
0.0000, 0.0000, 0.0000



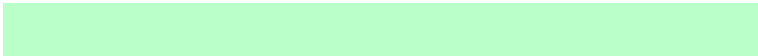
20.3446, 21.4041, 23.3091

Same Dimension

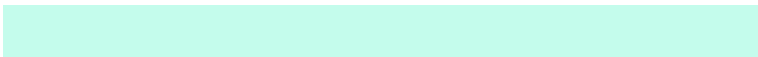
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0863, 85.9636, 73.2743



66.7225, 86.2484, 69.0903



72.7378, 87.4242, 92.5026



17.1824, 19.3752, 19.1613



18.5841, 36.4466, 8.4190



1.7601, 3.3911, 0.9846

Inverse Universe

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



75.4678, 66.4094, 90.5059



74.4131, 62.6741, 89.8504



71.7543, 64.9240, 70.9508



17.8106, 17.4516, 20.8582



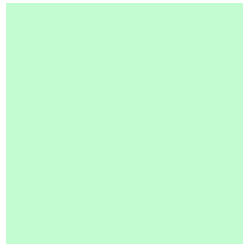
26.0148, 12.8216, 27.8500



2.4498, 1.2036, 2.7918

Previews

White Background



This preview shows how the XYZ color 69.0840, 85.9600, 73.2724 looks on a white background.

Color Contrast Check

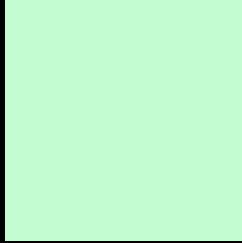
Large Text (above 18pt) WCAG AA × Fail

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 69.0840, 85.9600, 73.2724 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

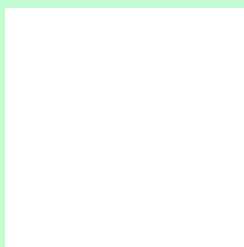
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0840, 85.9600, 73.2724

Background



This preview shows how black text looks on a background with the XYZ color 69.0840, 85.9600, 73.2724.



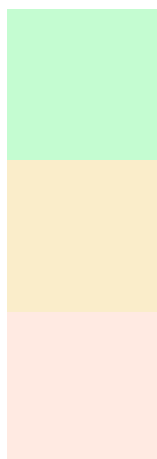
This preview shows how white text looks on a background with the XYZ color 69.0840, 85.9600,

73.2724.

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

69.0840, 85.9600, 73.2724

Protanopia

80.3692, 85.1566, 68.0781

Deuteranopia

84.3903, 85.5966, 84.0255



Tritanopia

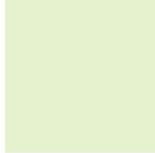
78.7156, 85.6297, 106.9872

Trichromacy



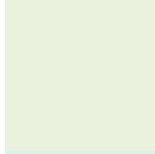
Original Color

69.0840, 85.9600, 73.2724



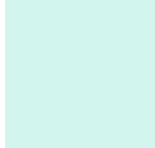
Protanomaly

75.4047, 84.7350, 70.1389



Deuteranomaly

78.3052, 85.5703, 80.0997



Tritanomaly

74.9667, 85.7862, 93.4961

Monochromacy



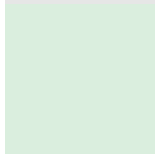
Original Color

69.0840, 85.9600, 73.2724



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.6728, 81.3284, 80.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0840, 85.9600, 73.2724 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(196, 252, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 252, 209)  
}
```

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(196, 252, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 252, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.0840, 85.9600, 73.2724 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(196, 252, 209) }
```


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

```
.border{ border-color:rgb(196, 252, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 252, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 252, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 252, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 252,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0840, 85.9600, 73.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 252, 209) }
```

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

```
.background{ background-color: rgb(196,  
252, 209) }
```

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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