

Converting Colors

XYZ(69.5692, 86.0746, 69.3604)

Have a look what the booklet for
XYZ(69.5692, 86.0746, 69.3604)
contains.

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Color

**XYZ(69.6773, 86.3501,
69.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FCCB
RGB	201, 252, 203
RGB Percent	79%, 99%, 80%
CMY	0.2118, 0.0117, 0.2039
CMYK	0.20, 0.00, 0.19, 0.01
HSL	122°, 89%, 89%
HSV	122°, 20%, 99%
XYZ	69.6773, 86.3501, 69.4948
YIQ	231.1650, -14.6670, -26.0510

Conversions

Conversions Part 2

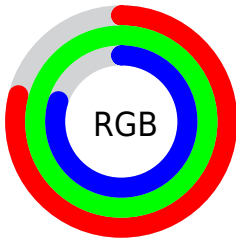
Format	Color
RYB	201, 250, 252
Decimal	13237451
CIELab	94.46, -25.29, 18.25
CIELCh	94, 31.190, 144.179
Yxy	86.3501, 0.3090, 0.3829
Android (android.graphics.Color)	4291427531 (0xFFC9FCCB)
YUV	231.1650, -13.8853, -26.4547
Hunter-Lab	92.9248, -28.7746, 20.7066

Details

The XYZ color **69.6773, 86.3501, 69.4948** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.2898, 69.3728, 99.7102**, and the grayscale version is **76.1884, 80.1561, 87.2900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7940, 47.3111, 35.6265** is the 20% darker color. If you saturate the color by 10%, you get **60.7871, 82.0773, 55.1753**, and if you desaturate by 10%, it is **80.1342, 91.3835, 86.2434**.

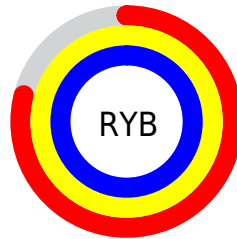
Distribution



Red (79%)

Green (99%)

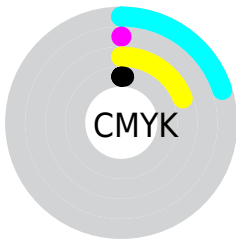
Blue (80%)



Red (79%)

Yellow (98%)

Blue (99%)

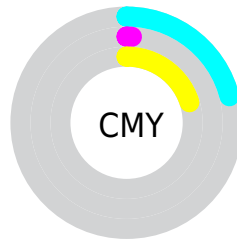


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (1%)



Cyan (21%)

Magenta (1%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6773, 86.3501, 69.4948 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 69.6773, 86.3501, 69.4948 by changing the saturation by 10% instead.

69.6773, 86.3501,
69.4948

69.6773, 86.3501,
69.4948

448.7002,
516.0849, 477.5153

51.5421, 64.9575,
50.6405

117.7772,
142.2579, 120.1624

36.8630, 47.4266,
35.5479

148.4727,
177.5420, 152.8127

25.2747, 33.3731,
23.7983

184.0857,
218.2253, 190.8989

16.4116, 22.4124,
14.9732

224.9815,
264.6923, 234.8394

9.9086, 14.1602,
8.6542

271.5255,
317.3274, 285.0527

5.4002, 8.2322,
4.4226

324.0830,

2.5211, 4.2439,

376.5149, 341.9574

1.8599

383.0195,
442.6393, 405.9721

■ 0.9059, 1.8109,
0.4671

■ 0.0000, 0.4940,
0.0000

■ 69.6773, 86.3501,
69.4948

■ 69.6773, 86.3501,
69.4948

■ 60.7871, 82.0773,
55.1753

■ 80.1342, 91.3835,
86.2434

■ 53.3815, 78.5177,
43.1669

■ 92.2208, 97.2002,
105.5203

■ 47.3819, 75.6358,
33.3501

■ 94.1021, 98.1042,
108.5840

■ 42.6992, 73.3887,
25.5927

■ 39.2344, 71.7283,
19.7482

■ 36.8744, 70.5999,
15.6508

■ 35.4850, 69.9385,
13.1064

■ 34.8662, 69.6458,
11.8892

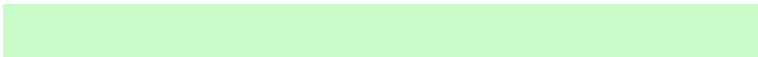
Harmonies

Analogous

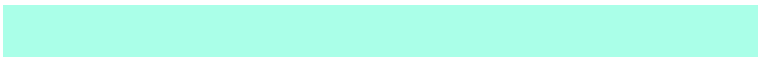
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6425, 86.3501, 57.8629



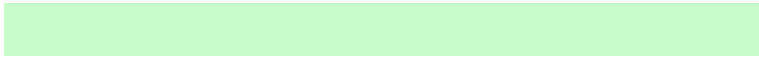
69.6773, 86.3501, 69.4948



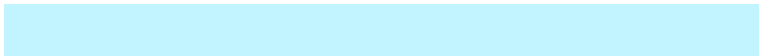
67.0503, 86.3501, 89.4133

Triad

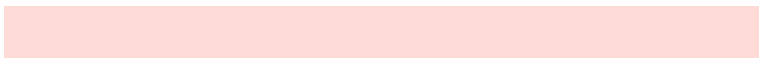
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6773, 86.3501, 69.4948



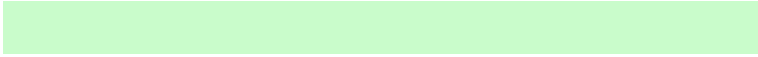
80.4483, 86.3501, 147.8682



97.6840, 86.3501, 76.3413

Complementary

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



69.6773, 86.3501, 69.4948



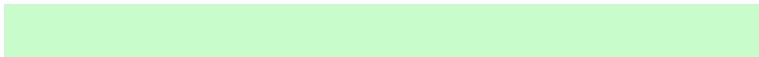
78.2898, 69.3728, 99.7102

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.



99.1874, 86.3501, 98.7834



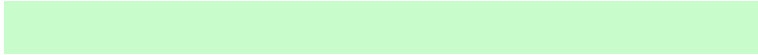
69.6773, 86.3501, 69.4948



88.8584, 86.3501, 142.7695

Square

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



69.6773, 86.3501, 69.4948



72.9909, 86.3501, 136.6695



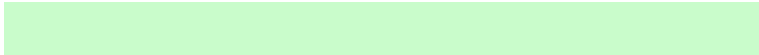
95.8584, 86.3501, 123.7285



91.8792, 86.3501, 61.3190

Rectangle

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



69.6773, 86.3501, 69.4948



67.4077, 86.3501, 105.7957



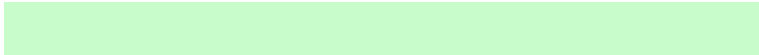
95.8584, 86.3501, 123.7285



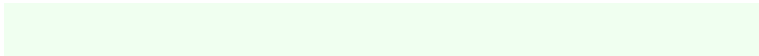
98.7250, 86.3501, 83.1533

Sweetspot

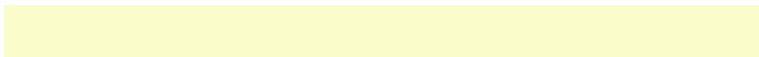
The Sweet Spot groups the original color and five complimentary colors.



69.6796, 86.3538, 69.4967



87.3662, 96.3019, 96.6555



84.8887, 94.2217, 68.9717



18.5289, 20.5303, 20.4153



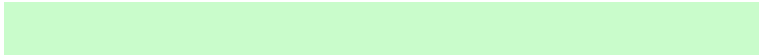
0.0000, 0.0000, 0.0000



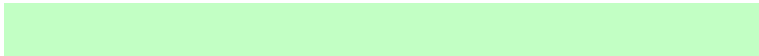
20.3446, 21.4041, 23.3091

Same Dimension

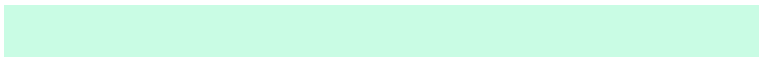
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6796, 86.3538, 69.4967



67.9435, 86.9576, 65.5479



72.9317, 87.6546, 86.6221



17.0450, 19.3203, 18.4374



18.1737, 36.2825, 6.2579



1.6926, 3.3641, 0.6291

Inverse Universe

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



78.2898, 69.3728, 99.7102



78.1531, 66.8209, 101.3728



74.5976, 67.8959, 80.2670



17.9619, 17.5121, 21.6551



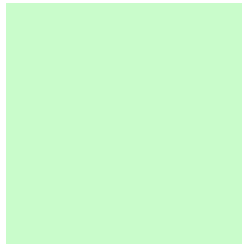
29.2830, 14.1289, 45.0602



2.7210, 1.3121, 4.2203

Previews

White Background



This preview shows how the XYZ color 69.6773, 86.3501, 69.4948 looks on a white background.

Color Contrast Check

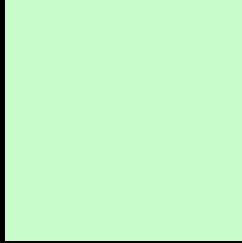
Large Text (above 18pt) WCAG AA × Fail

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 69.6773, 86.3501, 69.4948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

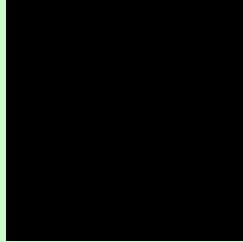
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

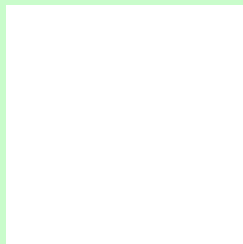
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6773, 86.3501, 69.4948

Background



This preview shows how black text looks on a background with the XYZ color 69.6773, 86.3501, 69.4948.



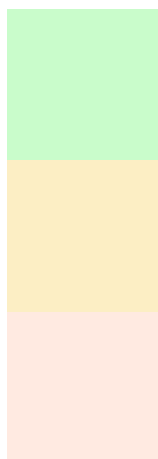
This preview shows how white text looks on a background with the XYZ color 69.6773, 86.3501,

69.4948.

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

69.6773, 86.3501, 69.4948

Protanopia

80.6832, 85.8300, 64.5389

Deuteranopia

84.2534, 85.5419, 83.3048



Tritanopia

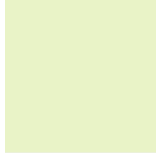
79.6209, 86.0964, 107.0295

Trichromacy



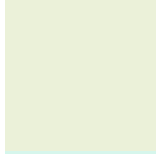
Original Color

69.6773, 86.3501, 69.4948



Protanomaly

75.9637, 85.5483, 66.5416



Deuteranomaly

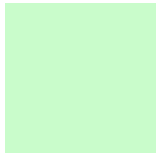
78.2406, 85.5825, 78.0410



Tritanomaly

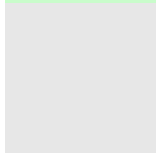
75.8276, 86.2638, 92.0109

Monochromacy



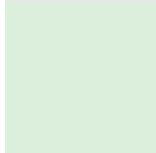
Original Color

69.6773, 86.3501, 69.4948



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.4328, 82.1691, 80.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6773, 86.3501, 69.4948 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, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 252, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.6773, 86.3501, 69.4948 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, 252, 203) }
```


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

```
.border{ border-color:rgb(201, 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(201, 252, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 252,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6773, 86.3501, 69.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 252, 203) }
```

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

```
.background{ background-color: rgb(201,  
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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