

Converting Colors

XYZ(69.3576, 87.3901, 75.9998)

Have a look what the booklet for
XYZ(69.3576, 87.3901, 75.9998)
contains.

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Color

**XYZ(69.5085, 87.5306,
76.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFD5
RGB	192, 255, 213
RGB Percent	75%, 100%, 84%
CMY	0.2471, 0.0000, 0.1647
CMYK	0.25, 0.00, 0.16, 0.00
HSL	140°, 100%, 88%
HSV	140°, 25%, 100%
XYZ	69.5085, 87.5306, 76.1824
YIQ	231.3750, -24.0660, -26.4180

Conversions

Conversions Part 2

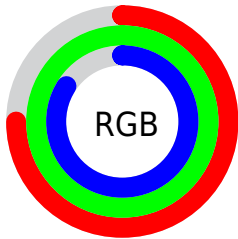
Format	Color
RYB	192, 239, 255
Decimal	12648405
CIELab	94.96, -27.81, 13.76
CIELCh	95, 31.033, 153.674
Yxy	87.5306, 0.2980, 0.3753
Android (android.graphics.Color)	4290838485 (0xFFC0FFD5)
YUV	231.3750, -9.0589, -34.5319
Hunter-Lab	93.5578, -31.1101, 17.2117

Details

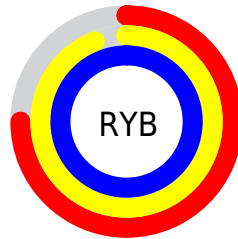
The XYZ color **69.5085, 87.5306, 76.1824** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.9413, 64.9006, 86.4190**, and the grayscale version is **76.3129, 80.2871, 87.4327**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **36.6822, 48.1752, 39.7131** is the 20% darker color. If you saturate the color by 10%, you get **61.5554, 83.6670, 65.1310**, and if you desaturate by 10%, it is **78.8079, 92.0620, 88.4803**.

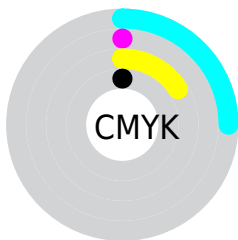
Distribution



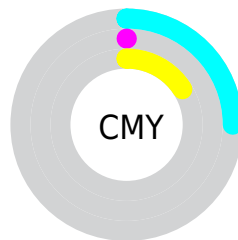
- Red (75%)
- Green (100%)
- Blue (84%)



- Red (75%)
- Yellow (94%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5085, 87.5306, 76.1824 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 69.5085, 87.5306, 76.1824 by changing the saturation by 10% instead.

 69.5085, 87.5306,
76.1824

 69.5085, 87.5306,
76.1824


448.1158,
519.9648, 501.3353

 51.4041, 65.9344,
56.0745


 117.5377,
143.9035, 129.7472

 36.7527, 48.2191,
39.8583


148.1931,
179.4489, 164.0411

 25.1888, 34.0005,
27.1151


183.7630,
220.4129, 203.9009

 16.3473, 22.8940,
17.4265

224.6126,
267.1799, 249.7450

 9.8626, 14.5152,
10.3739

271.1074,
320.1341, 301.9919

 5.3695, 8.4799,
5.5387

323.6126,

 2.5026, 4.4035,

379.6601, 361.0602

2.5025

382.4936,
446.1422, 427.3685

■ 0.8966, 1.9017,
0.8415

■ 0.0000, 0.5494,
0.0000

■ 69.5085, 87.5306,
76.1824

■ 69.5085, 87.5306,
76.1824

■ 61.5554, 83.6670,
65.1310

■ 78.8079, 92.0620,
88.4803

■ 54.8818, 80.4377,
55.2827

■ 89.5115, 97.2905,
102.0580

■ 49.4183, 77.8077,
46.5976

■ 95.0500, 100.0000,
108.9000

■ 45.0877, 75.7382,
39.0320

■ 41.8037, 74.1855,
32.5393

■ 39.4662, 73.0992,
27.0696

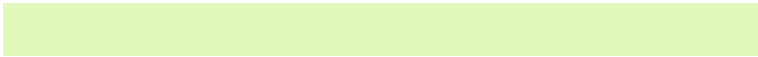
■ 37.9540, 72.4177,
22.5683

■ 37.3998, 72.1759,
20.5552

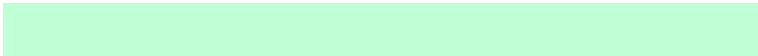
Harmonies

Analogous

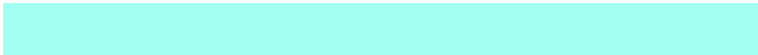
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5353, 87.5306, 61.6854



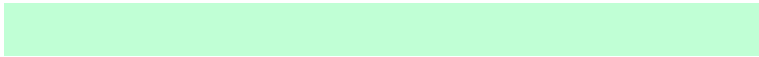
69.5085, 87.5306, 76.1824



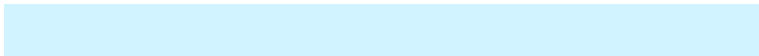
68.0584, 87.5306, 98.3090

Triad

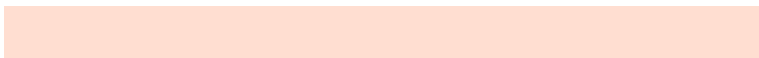
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5085, 87.5306, 76.1824



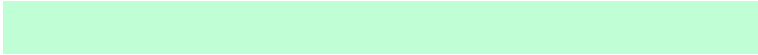
84.2373, 87.5306, 149.4852



97.4127, 87.5306, 71.8341

Complementary

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



69.5085, 87.5306, 76.1824



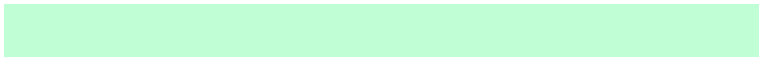
74.9413, 64.9006, 86.4190

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.



100.4249, 87.5306, 92.3647



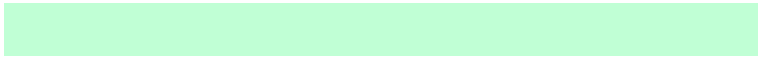
69.5085, 87.5306, 76.1824



92.5012, 87.5306, 139.3467

Square

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



69.5085, 87.5306, 76.1824



76.2183, 87.5306, 143.2104



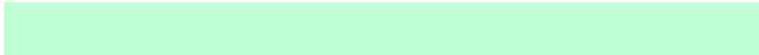
98.5701, 87.5306, 117.3886



90.5854, 87.5306, 59.4883

Rectangle

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



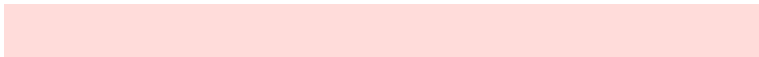
69.5085, 87.5306, 76.1824



69.2279, 87.5306, 115.1677



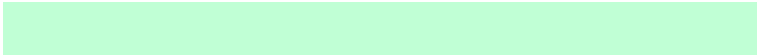
98.5701, 87.5306, 117.3886



98.9251, 87.5306, 77.8700

Sweetspot

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



69.5092, 87.5309, 76.1838



86.9280, 96.0275, 98.8270



79.2065, 92.8184, 63.6114



18.4634, 20.4841, 20.9736



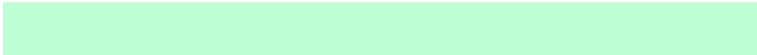
0.0000, 0.0000, 0.0000



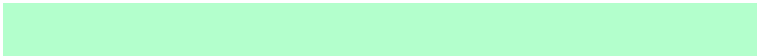
20.3446, 21.4041, 23.3091

Same Dimension

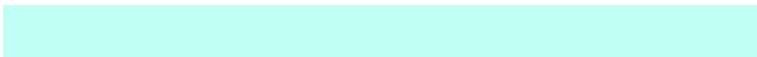
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5092, 87.5309, 76.1838



65.1342, 85.4039, 70.1790



73.9039, 89.2888, 99.3261



18.0213, 20.2680, 20.4151



19.6038, 37.7381, 11.0646



1.9570, 3.6937, 1.3315

Inverse Universe

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



74.9413, 64.9006, 86.4190



71.4727, 58.9852, 82.1128



70.8102, 63.2482, 64.6650



18.5201, 18.1914, 21.3562



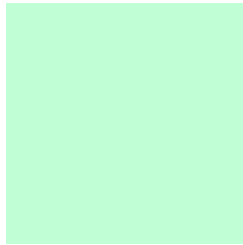
25.4121, 12.6541, 21.3522



2.5250, 1.2524, 2.3463

Previews

White Background



This preview shows how the XYZ color 69.5085, 87.5306, 76.1824 looks on a white background.

Color Contrast Check

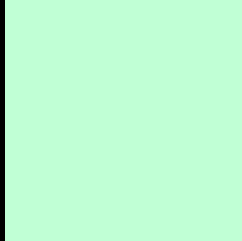
Large Text (above 18pt) WCAG AA × Fail

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 69.5085, 87.5306, 76.1824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

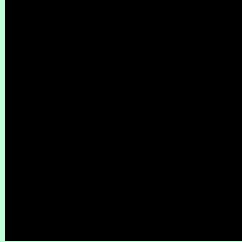
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

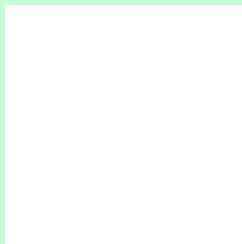
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5085, 87.5306, 76.1824

Background



This preview shows how black text looks on a background with the XYZ color 69.5085, 87.5306, 76.1824.



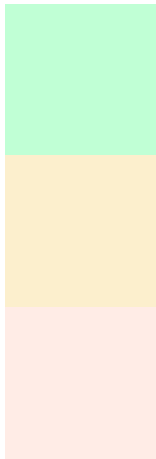
This preview shows how white text looks on a background with the XYZ color 69.5085, 87.5306,

76.1824.

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

69.5085, 87.5306, 76.1824

Protanopia

82.0308, 86.8362, 70.1952

Deuteranopia

85.5184, 86.9641, 87.1414



Tritanopia

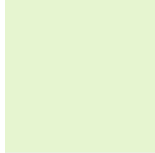
79.9159, 87.1370, 107.2148

Trichromacy



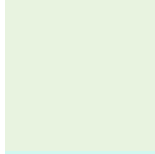
Original Color

69.5085, 87.5306, 76.1824



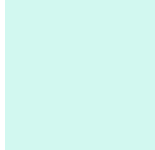
Protanomaly

76.6707, 86.6819, 72.3648



Deuteranomaly

78.7838, 86.6388, 83.0916



Tritanomaly

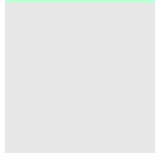
75.8739, 87.1277, 95.2564

Monochromacy



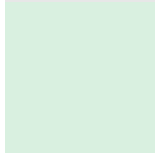
Original Color

69.5085, 87.5306, 76.1824



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.2299, 82.4537, 82.5765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5085, 87.5306, 76.1824 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(192, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 213)  
}
```

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(192, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.5085, 87.5306, 76.1824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

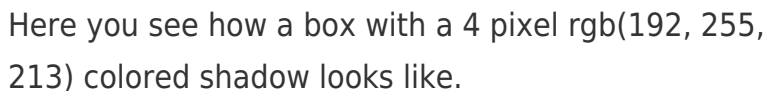
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 255, 213) }
```


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

```
.border{ border-color:rgb(192, 255, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 255, 213); box-shadow:4px 4px 4px 4px rgb(192, 255, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5085, 87.5306, 76.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 213) }
```

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

```
.background{ background-color: rgb(192,  
255, 213) }
```

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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