

Converting Colors

XYZ(68.8955, 86.7080, 74.1970)

Have a look what the booklet for
XYZ(68.8955, 86.7080, 74.1970)
contains.

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Color

**XYZ(68.8129, 86.7432,
74.0891)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FED2
RGB	192, 254, 210
RGB Percent	75%, 100%, 82%
CMY	0.2471, 0.0039, 0.1765
CMYK	0.24, 0.00, 0.17, 0.00
HSL	137°, 97%, 87%
HSV	137°, 24%, 100%
XYZ	68.8129, 86.7432, 74.0891
YIQ	230.4460, -22.8280, -26.8280

Conversions

Conversions Part 2

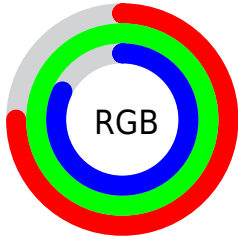
Format	Color
RYB	192, 240, 254
Decimal	12648146
CIELab	94.63, -27.88, 14.83
CIELCh	95, 31.581, 151.996
Yxy	86.7432, 0.2996, 0.3777
Android (android.graphics.Color)	4290838226 (0xFFC0FED2)
YUV	230.4460, -10.0799, -33.7171
Hunter-Lab	93.1360, -31.1046, 18.0304

Details

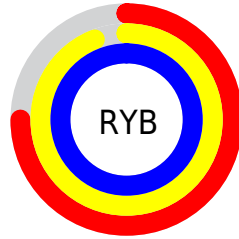
The XYZ color **68.8129, 86.7432, 74.0891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.8660, 64.8283, 87.9278**, and the grayscale version is **75.6306, 79.5693, 86.6509**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **36.1992, 47.6174, 38.2935** is the 20% darker color. If you saturate the color by 10%, you get **60.8074, 82.8637, 62.6445**, and if you desaturate by 10%, it is **78.1860, 91.3034, 86.9220**.

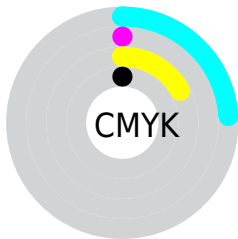
Distribution



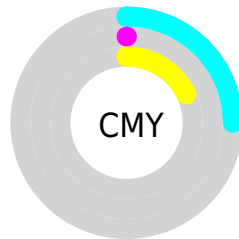
- Red (75%)
- Green (100%)
- Blue (82%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8129, 86.7432, 74.0891 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 68.8129, 86.7432, 74.0891 by changing the saturation by 10% instead.


 68.8129, 86.7432,
74.0891

 68.8129, 86.7432,
74.0891

445.7025,
517.3787, 493.9525

 50.8354, 65.2827,
54.3697


 116.5498,
142.8062, 126.7573

 36.2982, 47.6904,
38.5022


147.0400,
178.1774, 160.5432

 24.8357, 33.5817,
26.0678


182.4318,
218.9544, 199.8551

 16.0828, 22.5725,
16.6482

223.0906,
265.5214, 245.1115

 9.6740, 14.2781,
9.8247

269.3817,
318.2630, 296.7308

 5.2439, 8.3144,
5.1788

321.6705,

 2.4273, 4.2968,

377.5635, 355.1318

2.2920

380.3223,
443.8072, 420.7328

■ 0.8587, 1.8409,
0.7267

■ 0.0000, 0.5125,
0.0000

■ 68.8129, 86.7432,
74.0891

■ 68.8129, 86.7432,
74.0891

■ 60.8074, 82.8637,
62.6445

■ 78.1860, 91.3034,
86.9220

■ 54.0972, 79.6212,
52.5357

■ 88.9806, 96.5637,
101.1819

■ 48.6136, 76.9839,
43.7154

■ 94.7334, 99.3669,
108.7945

■ 44.2788, 74.9126,
36.1313

■ 41.0056, 73.3636,
29.7273

■ 38.6935, 72.2862,
24.4430

■ 37.2207, 71.6191,
20.2121

■ 36.6708, 71.3778,
18.2774

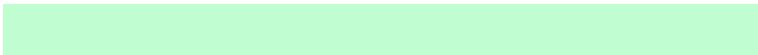
Harmonies

Analogous

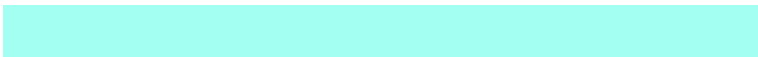
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0681, 86.7432, 59.9868



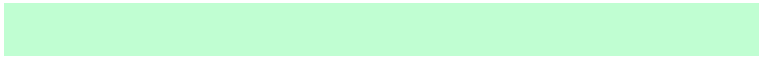
68.8129, 86.7432, 74.0891



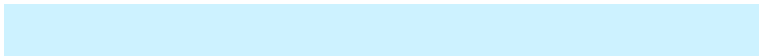
67.1353, 86.7432, 96.0923

Triad

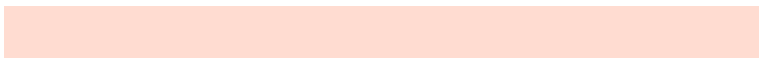
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8129, 86.7432, 74.0891



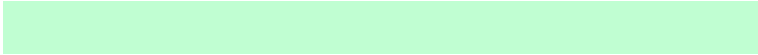
83.0188, 86.7432, 149.5206



97.1342, 86.7432, 71.7075

Complementary

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



68.8129, 86.7432, 74.0891



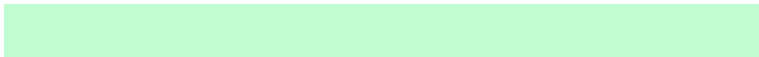
74.8660, 64.8283, 87.9278

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.



99.9255, 86.7432, 92.8237



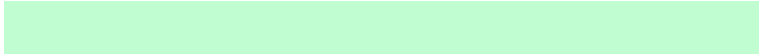
68.8129, 86.7432, 74.0891



91.4347, 86.7432, 140.0841

Square

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



68.8129, 86.7432, 74.0891



74.9921, 86.7432, 142.2203



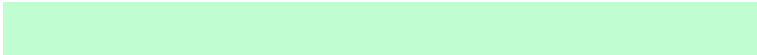
97.7722, 86.7432, 118.2330



90.3799, 86.7432, 58.7874

Rectangle

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



68.8129, 86.7432, 74.0891



68.1717, 86.7432, 113.1324



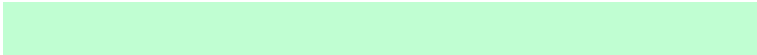
97.7722, 86.7432, 118.2330



98.5873, 86.7432, 77.9442

Sweetspot

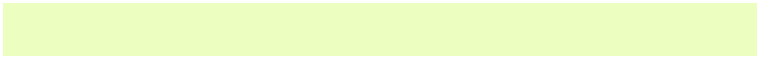
The Sweet Spot groups the original color and five complimentary colors.



68.8152, 86.7468, 74.0910



86.8121, 95.9811, 98.2169



79.6956, 92.6006, 63.5435



18.4366, 20.4734, 20.8326



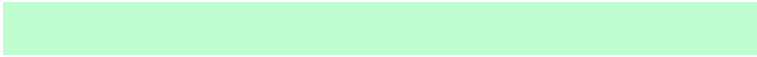
0.0000, 0.0000, 0.0000



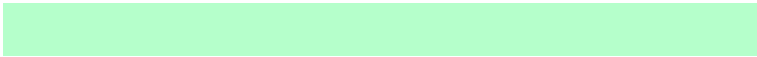
20.3446, 21.4041, 23.3091

Same Dimension

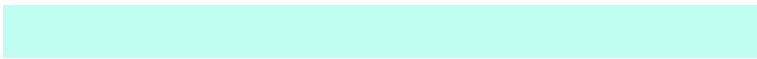
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8152, 86.7468, 74.0910



65.5500, 85.6387, 69.2747



72.9953, 88.4189, 96.1029



17.9884, 20.2549, 20.2420



19.3875, 37.6516, 9.9261



1.9327, 3.6840, 1.2035

Inverse Universe

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



74.8660, 64.8283, 87.9278



72.5581, 60.2417, 85.2930



70.7971, 63.2007, 66.5014



18.5547, 18.2052, 21.5381



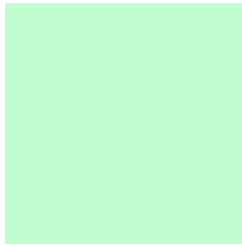
25.9734, 12.8786, 24.3081



2.5765, 1.2730, 2.6171

Previews

White Background



This preview shows how the XYZ color 68.8129, 86.7432, 74.0891 looks on a white background.

Color Contrast Check

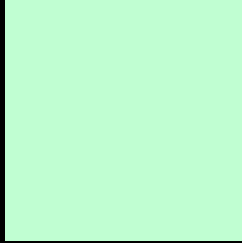
Large Text (above 18pt) WCAG AA × Fail

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 68.8129, 86.7432, 74.0891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

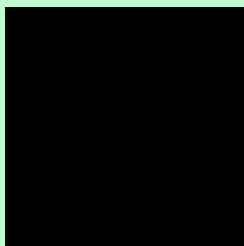
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

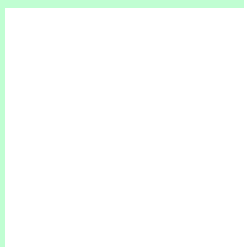
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8129, 86.7432, 74.0891

Background



This preview shows how black text looks on a background with the XYZ color 68.8129, 86.7432, 74.0891.



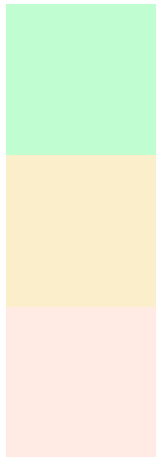
This preview shows how white text looks on a background with the XYZ color 68.8129, 86.7432,

74.0891.

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

68.8129, 86.7432, 74.0891

Protanopia

81.0189, 85.9226, 68.1917

Deuteranopia

84.9519, 86.2781, 85.5747



Tritanopia

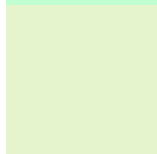
79.3140, 86.3813, 107.1007

Trichromacy



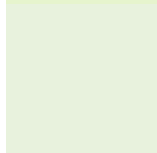
Original Color

68.8129, 86.7432, 74.0891



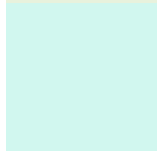
Protanomaly

76.0033, 85.9321, 70.3384



Deuteranomaly

78.0820, 85.8805, 80.8679



Tritanomaly

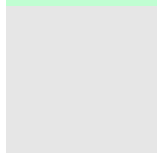
75.1352, 86.3088, 94.3606

Monochromacy



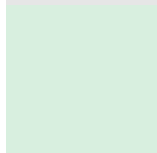
Original Color

68.8129, 86.7432, 74.0891



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.5047, 81.6596, 81.7525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8129, 86.7432, 74.0891 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, 254, 210)` looks like.

```
.text, #text, p{  
    color:rgb(192, 254, 210)  
}
```

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, 254, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 254, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.8129, 86.7432, 74.0891 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, 254, 210) }
```


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

```
.border{ border-color:rgb(192, 254, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 254, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 254, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 254, 210);  
box-shadow:4px 4px 4px 4px rgb(192, 254,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8129, 86.7432, 74.0891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 254, 210) }
```

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

```
.background{ background-color: rgb(192,  
254, 210) }
```

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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