

Converting Colors

XYZ(70.6988, 89.4280, 71.0238)

Have a look what the booklet for
XYZ(70.6988, 89.4280, 71.0238)
contains.

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Color

**XYZ(70.0681, 87.9335,
71.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FFCD
RGB	198, 255, 205
RGB Percent	78%, 100%, 80%
CMY	0.2235, 0.0000, 0.1961
CMYK	0.22, 0.00, 0.20, 0.00
HSL	127°, 100%, 89%
HSV	127°, 22%, 100%
XYZ	70.0681, 87.9335, 71.0375
YIQ	232.2570, -17.9220, -27.6340

Conversions

Conversions Part 2

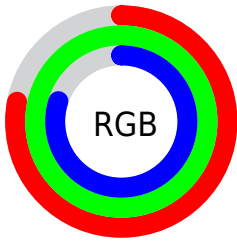
Format	Color
RYB	198, 249, 255
Decimal	13041613
CIELab	95.13, -27.34, 18.15
CIELCh	95, 32.815, 146.429
Yxy	87.9335, 0.3059, 0.3839
Android (android.graphics.Color)	4291231693 (0xFFC6FFCD)
YUV	232.2570, -13.4377, -30.0434
Hunter-Lab	93.7729, -30.7254, 20.7259

Details

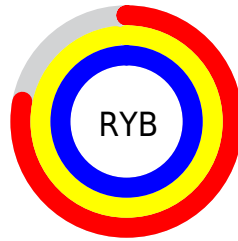
The XYZ color **70.0681, 87.9335, 71.0375** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.3775, 68.4260, 97.8829**, and the grayscale version is **77.0009, 81.0110, 88.2209**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1077, 48.4622, 36.6765** is the 20% darker color. If you saturate the color by 10%, you get **61.3927, 83.7512, 57.5302**, and if you desaturate by 10%, it is **80.2624, 92.8542, 86.6336**.

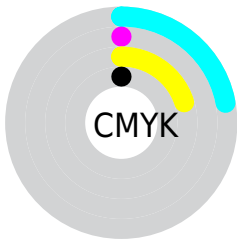
Distribution



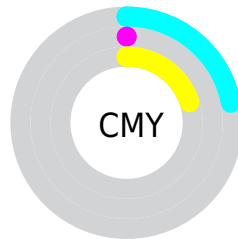
- Red (78%)
- Green (100%)
- Blue (80%)



- Red (78%)
- Yellow (98%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0681, 87.9335, 71.0375 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 70.0681, 87.9335, 71.0375 by changing the saturation by 10% instead.

70.0681, 87.9335,
71.0375

70.0681, 87.9335,
71.0375

450.0518,
521.2854, 483.0717

51.8619, 66.2680,
51.8908

118.3316,
144.4646, 122.3821

37.1188, 48.4900,
36.5364

149.1196,
180.0989, 155.4170

25.4736, 34.2151,
24.5558

184.8322,
221.1584, 193.9184

16.5608, 23.0589,
15.5304

225.8347,
268.0273, 238.3049

10.0152, 14.6370,
9.0417

272.4926,
321.0900, 288.9949

5.4714, 8.5650,
4.6712

325.1712,

2.5640, 4.4586,

380.7310, 346.4070

2.0003

384.2358,
447.3347, 410.9598

■ 0.9276, 1.9332,
0.5555

■ 0.0000, 0.5682,
0.0000

■ 70.0681, 87.9335,
71.0375

■ 70.0681, 87.9335,
71.0375

■ 61.3927, 83.7512,
57.5302

■ 80.2624, 92.8542,
86.6336

■ 54.1613, 80.2706,
46.0191

■ 92.0417, 98.5457,
104.3974

■ 48.2957, 77.4533,
36.4107

■ 95.0500, 100.0000,
108.9000

■ 43.7091, 75.2569,
28.6024

■ 40.3051, 73.6340,
22.4821

■ 37.9730, 72.5302,
17.9250

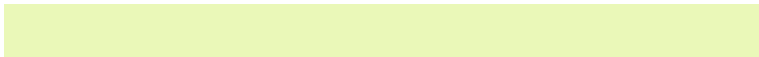
■ 36.5808, 71.8805,
14.7890

■ 36.0116, 71.6206,
13.2447

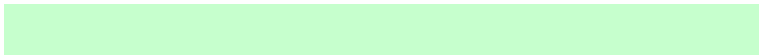
Harmonies

Analogous

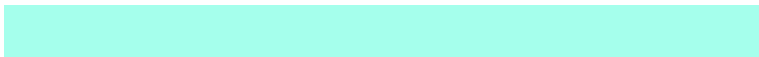
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1639, 87.9335, 58.1041



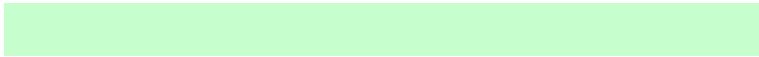
70.0681, 87.9335, 71.0375



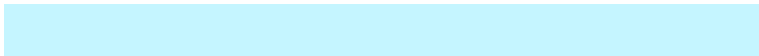
67.5805, 87.9335, 92.7130

Triad

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



70.0681, 87.9335, 71.0375



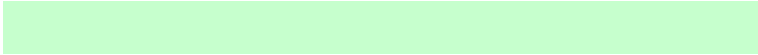
82.5128, 87.9335, 153.7113



99.9223, 87.9335, 75.4766

Complementary

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



70.0681, 87.9335, 71.0375



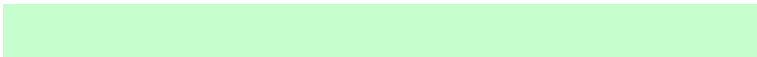
78.3775, 68.4260, 97.8829

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.



101.9200, 87.9335, 98.8416



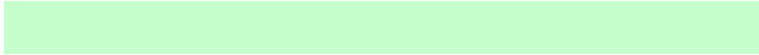
70.0681, 87.9335, 71.0375



91.4586, 87.9335, 146.8966

Square

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



70.0681, 87.9335, 71.0375



74.4353, 87.9335, 142.8581



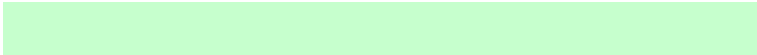
98.7219, 87.9335, 125.6040



93.4406, 87.9335, 60.3283

Rectangle

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



70.0681, 87.9335, 71.0375



68.1618, 87.9335, 110.3420



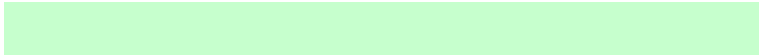
98.7219, 87.9335, 125.6040



101.1596, 87.9335, 82.4950

Sweetspot

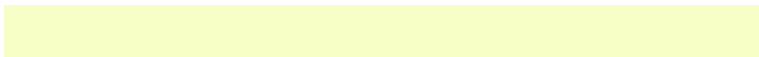
The Sweet Spot groups the original color and five complimentary colors.



70.0688, 87.9338, 71.0389



86.3658, 95.8026, 95.8666



84.7889, 95.6178, 67.4141



18.3336, 20.4321, 20.2898



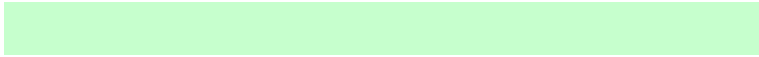
0.0000, 0.0000, 0.0000



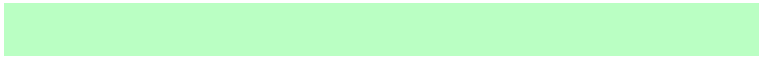
20.3446, 21.4041, 23.3091

Same Dimension

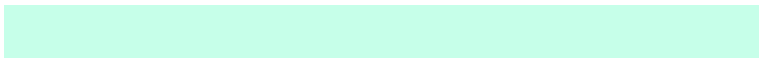
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0688, 87.9338, 71.0389



65.8520, 85.9003, 64.5064



73.7786, 89.4177, 90.5744



17.8623, 20.2045, 19.5779



18.8450, 37.4346, 7.0690



1.8622, 3.6558, 0.8323

Inverse Universe

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



78.3775, 68.4260, 97.8829



75.5487, 63.1283, 95.8300



74.3329, 66.8082, 76.5841



18.6910, 18.2597, 22.2557



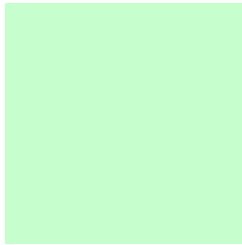
28.5943, 13.9270, 38.1097



2.8100, 1.3664, 3.8468

Previews

White Background



This preview shows how the XYZ color 70.0681, 87.9335, 71.0375 looks on a white background.

Color Contrast Check

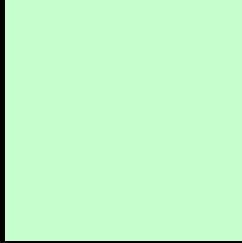
Large Text (above 18pt) WCAG AA × Fail

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 70.0681, 87.9335, 71.0375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

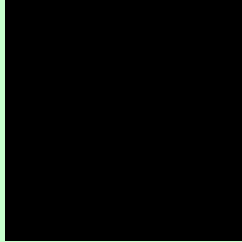
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0681, 87.9335, 71.0375

Background



This preview shows how black text looks on a background with the XYZ color 70.0681, 87.9335, 71.0375.



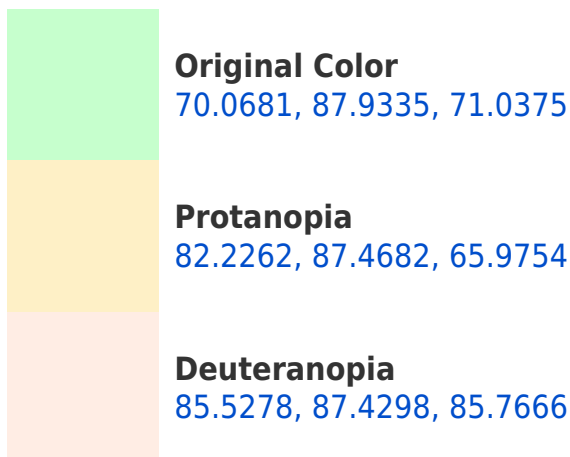
This preview shows how white text looks on a background with the XYZ color 70.0681, 87.9335,

71.0375.

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





Tritanopia

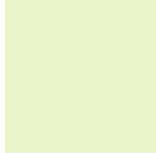
81.1412, 87.7687, 107.2722

Trichromacy



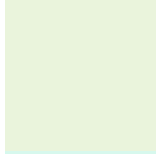
Original Color

70.0681, 87.9335, 71.0375



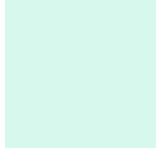
Protanomaly

77.1267, 87.0143, 67.9888



Deuteranomaly

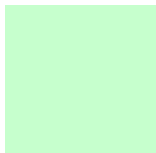
79.2006, 87.3611, 80.3982



Tritanomaly

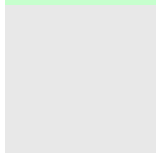
76.8778, 87.6963, 92.9960

Monochromacy



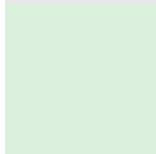
Original Color

70.0681, 87.9335, 71.0375



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.8601, 82.8097, 81.1983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0681, 87.9335, 71.0375 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(198, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 205)  
}
```

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(198, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 70.0681, 87.9335, 71.0375 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(198, 255, 205) }
```


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

```
.border{ border-color:rgb(198, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0681, 87.9335, 71.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 205) }
```

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

```
.background{ background-color: rgb(198,  
255, 205) }
```

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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