

Converting Colors

XYZ(71.3047, 89.0435, 85.8750)

Have a look what the booklet for
XYZ(71.3047, 89.0435, 85.8750)
contains.

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Color

**XYZ(70.8603, 88.0132,
85.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFE3
RGB	190, 255, 227
RGB Percent	75%, 100%, 89%
CMY	0.2549, 0.0000, 0.1098
CMYK	0.25, 0.00, 0.11, 0.00
HSL	154°, 100%, 87%
HSV	154°, 25%, 100%
XYZ	70.8603, 88.0132, 85.9266
YIQ	232.3730, -29.7520, -22.4880

Conversions

Conversions Part 2

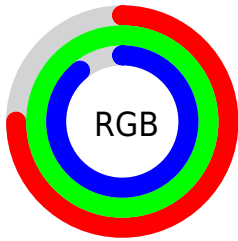
Format	Color
RYB	190, 231, 255
Decimal	12517347
CIELab	95.17, -25.79, 6.84
CIELCh	95, 26.683, 165.136
Yxy	88.0132, 0.2895, 0.3595
Android (android.graphics.Color)	4290707427 (0xFFBEFFE3)
YUV	232.3730, -2.6489, -37.1611
Hunter-Lab	93.8154, -29.3528, 11.3663

Details

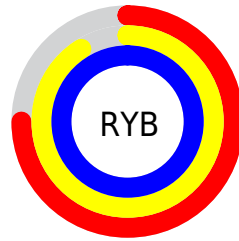
The XYZ color **70.8603, 88.0132, 85.9266** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.3088, 63.1497, 74.7077**, and the grayscale version is **77.0161, 81.0269, 88.2383**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **37.6322, 48.5176, 46.4111** is the 20% darker color. If you saturate the color by 10%, you get **63.5706, 84.4248, 77.9229**, and if you desaturate by 10%, it is **79.3626, 92.2154, 94.4948**.

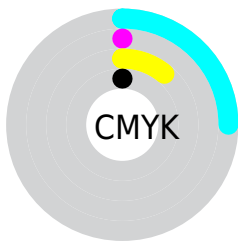
Distribution



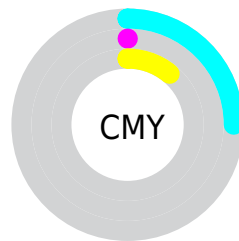
- Red (75%)
- Green (100%)
- Blue (89%)



- Red (75%)
- Yellow (91%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8603, 88.0132, 85.9266 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 70.8603, 88.0132, 85.9266 by changing the saturation by 10% instead.


 70.8603, 88.0132,
85.9266

 70.8603, 88.0132,
85.9266


452.7844,
521.5465, 534.9135

 52.5103, 66.3340,
64.0527


 119.4544,
144.5755, 143.5527

 37.6379, 48.5436,
46.2469


150.4292,
180.2275, 180.1420

 25.8777, 34.2576,
32.0907


186.3430,
221.3057, 222.4735

 16.8644, 23.0915,
21.1654

227.5612,
268.1948, 270.9658

 10.2326, 14.6611,
13.0525

274.4490,
321.2790, 326.0374

 5.6169, 8.5819,
7.3336

327.3719,

 2.6520, 4.4695,

380.9427, 388.1069

3.5900

386.6953,
447.5704, 457.5927

■ 0.9725, 1.9395,
1.4032

■ 0.0000, 0.5720,
0.1442

■ 70.8603, 88.0132,
85.9266

■ 70.8603, 88.0132,
85.9266

■ 63.5706, 84.4248,
77.9229

■ 79.3626, 92.2154,
94.4948

■ 57.4313, 81.4185,
70.4673

■ 89.1306, 97.0588,
103.6348

■ 52.3780, 78.9614,
63.5485

95.0500, 100.0000,
108.9000

■ 48.3387, 77.0164,
57.1533

■ 45.2324, 75.5421,
51.2677

■ 42.9646, 74.4900,
45.8766

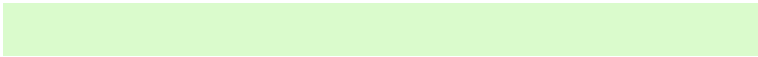
■ 41.4189, 73.8003,
40.9637

■ 40.8830, 73.5692,
38.8976

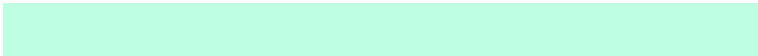
Harmonies

Analogous

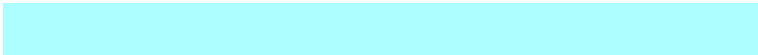
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1343, 88.0132, 70.2795



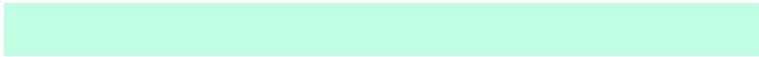
70.8603, 88.0132, 85.9266



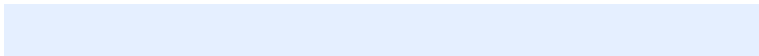
70.8757, 88.0132, 106.6667

Triad

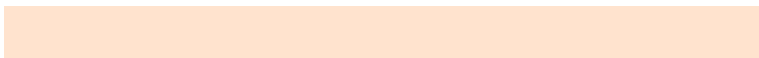
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8603, 88.0132, 85.9266



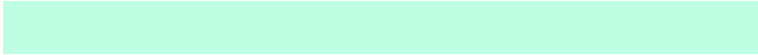
87.3563, 88.0132, 139.8916



93.9047, 88.0132, 70.1702

Complementary

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



70.8603, 88.0132, 85.9266



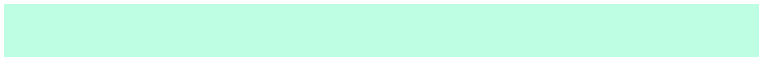
72.3088, 63.1497, 74.7077

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.



97.8825, 88.0132, 85.7559



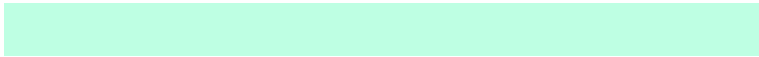
70.8603, 88.0132, 85.9266



93.9554, 88.0132, 126.9289

Square

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



70.8603, 88.0132, 85.9266



80.1199, 88.0132, 139.9549



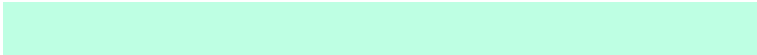
97.9016, 88.0132, 106.4696



87.2903, 88.0132, 62.1186

Rectangle

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



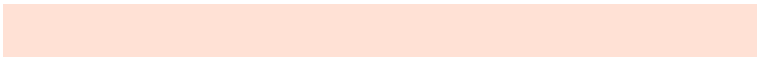
70.8603, 88.0132, 85.9266



72.7377, 88.0132, 120.7609



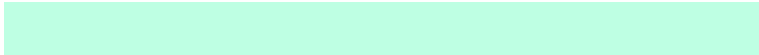
97.9016, 88.0132, 106.4696



95.6110, 88.0132, 74.5931

Sweetspot

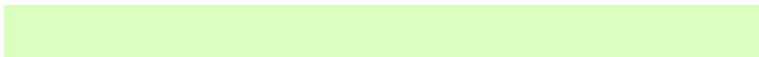
The Sweet Spot groups the original color and five complimentary colors.



70.8611, 88.0136, 85.9280



86.5562, 95.7810, 101.2856



74.0181, 90.1691, 62.2196



18.2049, 20.3415, 21.3817



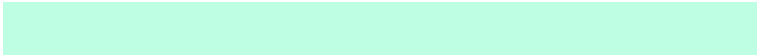
0.0000, 0.0000, 0.0000



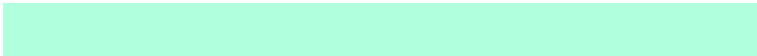
20.3446, 21.4041, 23.3091

Same Dimension

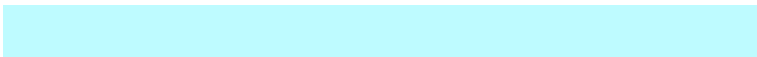
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8611, 88.0136, 85.9280



66.6975, 85.9620, 81.4480



73.6789, 86.9538, 107.5082



18.2049, 20.3415, 21.3817



21.4386, 38.4720, 20.7269



2.1422, 3.7678, 2.3067

Inverse Universe

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



72.3088, 63.1497, 74.7077



68.3885, 56.9443, 68.3603



69.9010, 63.7108, 57.3296



18.3342, 18.1170, 20.3770



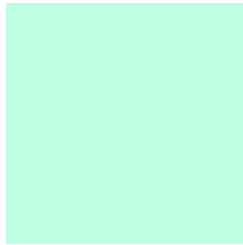
23.0863, 11.7238, 9.1051



2.3013, 1.1629, 1.1682

Previews

White Background



This preview shows how the XYZ color 70.8603, 88.0132, 85.9266 looks on a white background.

Color Contrast Check

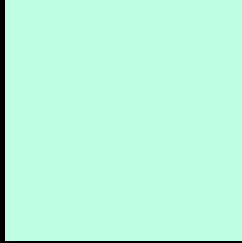
Large Text (above 18pt) WCAG AA × Fail

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 70.8603, 88.0132, 85.9266 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

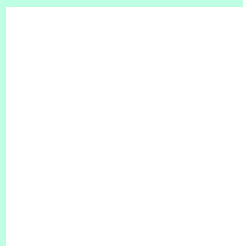
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8603, 88.0132, 85.9266

Background



This preview shows how black text looks on a background with the XYZ color 70.8603, 88.0132, 85.9266.



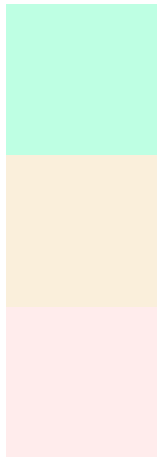
This preview shows how white text looks on a background with the XYZ color 70.8603, 88.0132,

85.9266.

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

70.8603, 88.0132, 85.9266

Protanopia

83.0770, 87.1715, 79.4650

Deuteranopia

86.3758, 87.3070, 91.6563



Tritanopia

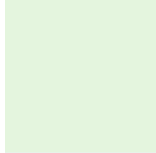
80.5212, 87.8970, 107.3296

Trichromacy



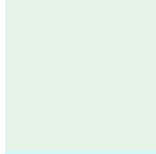
Original Color

70.8603, 88.0132, 85.9266



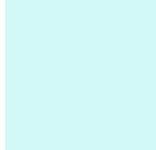
Protanomaly

77.8321, 87.0727, 81.8118



Deuteranomaly

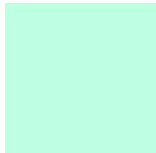
79.7136, 86.9733, 89.6770



Tritanomaly

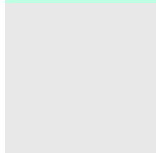
76.9355, 88.0456, 99.3258

Monochromacy



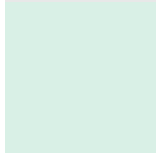
Original Color

70.8603, 88.0132, 85.9266



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.0583, 82.7851, 86.9387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8603, 88.0132, 85.9266 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(190, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 227)  
}
```

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(190, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.8603, 88.0132, 85.9266 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(190, 255, 227) }
```


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

```
.border{ border-color:rgb(190, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8603, 88.0132, 85.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 227) }
```

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

```
.background{ background-color: rgb(190,  
255, 227) }
```

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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