

Converting Colors

XYZ(71.4454, 88.4629, 79.2611)

Have a look what the booklet for
XYZ(71.4454, 88.4629, 79.2611)
contains.

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Color

**XYZ(71.3103, 88.4001,
78.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFD9
RGB	197, 255, 217
RGB Percent	77%, 100%, 85%
CMY	0.2274, 0.0000, 0.1490
CMYK	0.23, 0.00, 0.15, 0.00
HSL	141°, 100%, 89%
HSV	141°, 23%, 100%
XYZ	71.3103, 88.4001, 78.9501
YIQ	233.3260, -22.3700, -24.1140

Conversions

Conversions Part 2

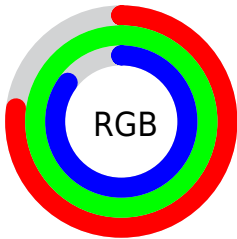
Format	Color
RYB	197, 240, 255
Decimal	12976089
CIELab	95.33, -25.53, 12.27
CIELCh	95, 28.328, 154.335
Yxy	88.4001, 0.2988, 0.3704
Android (android.graphics.Color)	4291166169 (0xFFC5FFD9)
YUV	233.3260, -8.0487, -31.8579
Hunter-Lab	94.0213, -29.1543, 16.0289

Details

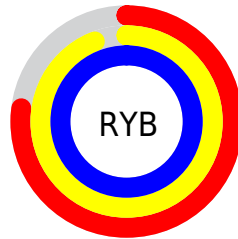
The XYZ color **71.3103, 88.4001, 78.9501** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.2019, 67.1913, 87.5498**, and the grayscale version is **77.7681, 81.8181, 89.0999**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **37.8710, 48.7476, 41.5956** is the 20% darker color. If you saturate the color by 10%, you get **63.1240, 84.4183, 67.7922**, and if you desaturate by 10%, it is **80.8475, 93.0527, 91.3223**.

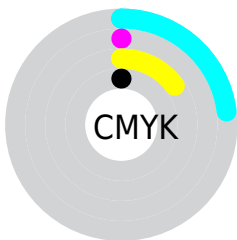
Distribution



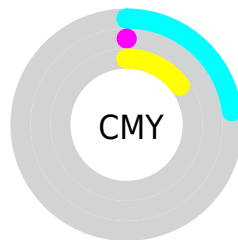
- Red (77%)
- Green (100%)
- Blue (85%)



- Red (77%)
- Yellow (94%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3103, 88.4001, 78.9501 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 71.3103, 88.4001, 78.9501 by changing the saturation by 10% instead.

 71.3103, 88.4001,
78.9501

 71.3103, 88.4001,
78.9501


454.3324,
522.8126, 511.0007

 52.8789, 66.6545,
58.3337


120.0916,
145.1141, 133.6866

 37.9332, 48.8039,
41.6605


151.1722,
180.8512, 168.6439

 26.1078, 34.4639,
28.5120


187.1999,
222.0209, 209.2184

 17.0374, 23.2502,
18.4696

228.5400,
269.0076, 255.8289

 10.3566, 14.7784,
11.1147

275.5580,
322.1958, 308.8939

 5.7001, 8.6640,
6.0289

328.6191,

 2.7025, 4.5227,

381.9697, 368.8318

2.7936

388.0888,
448.7139, 436.0612

■ 0.9985, 1.9700,
0.9902

■ 0.0000, 0.5900,
0.0000

■ 71.3103, 88.4001,
78.9501

■ 71.3103, 88.4001,
78.9501

■ 63.1240, 84.4183,
67.7922

■ 80.8475, 93.0527,
91.3223

■ 56.2230, 81.0746,
57.8076

■ 91.7924, 98.4049,
104.9400

■ 50.5397, 78.3347,
48.9588

■ 95.0500, 100.0000,
108.9000

■ 45.9987, 76.1607,
41.2047

■ 42.5161, 74.5101,
34.5019

■ 39.9958, 73.3343,
28.8037

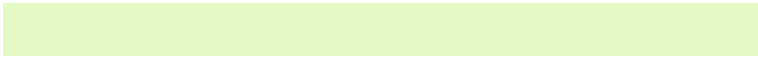
■ 38.3219, 72.5747,
24.0596

■ 37.5188, 72.2235,
21.1816

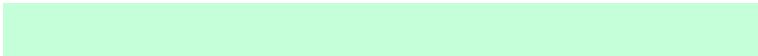
Harmonies

Analogous

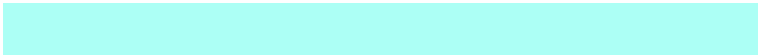
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9049, 88.4001, 65.1766



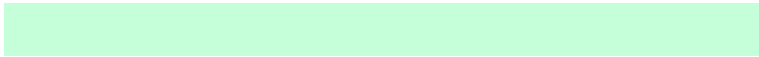
71.3103, 88.4001, 78.9501



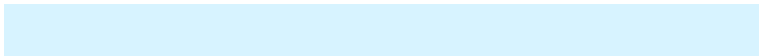
70.0401, 88.4001, 99.5103

Triad

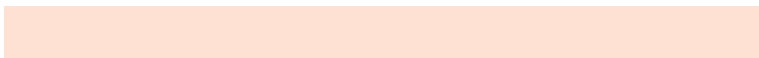
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3103, 88.4001, 78.9501



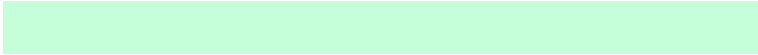
85.1516, 88.4001, 145.3074



96.9178, 88.4001, 74.1609

Complementary

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



71.3103, 88.4001, 78.9501



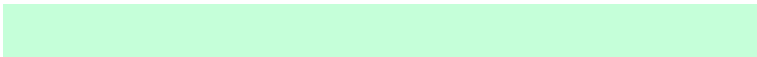
76.2019, 67.1913, 87.5498

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.



99.7500, 88.4001, 93.0669



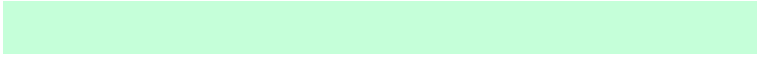
71.3103, 88.4001, 78.9501



92.6973, 88.4001, 135.9059

Square

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



71.3103, 88.4001, 78.9501



77.7403, 88.4001, 140.0010



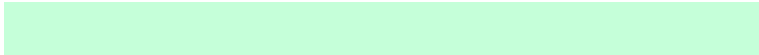
98.1603, 88.4001, 115.9148



90.6326, 88.4001, 62.7239

Rectangle

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



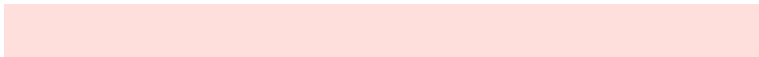
71.3103, 88.4001, 78.9501



71.1796, 88.4001, 114.9036



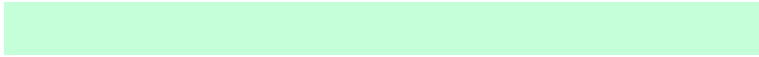
98.1603, 88.4001, 115.9148



98.3222, 88.4001, 79.7378

Sweetspot

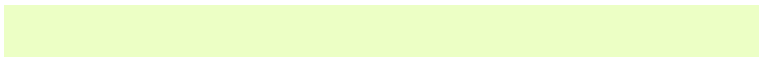
The Sweet Spot groups the original color and five complimentary colors.



71.3110, 88.4004, 78.9515



86.9590, 96.0399, 98.9904



80.3199, 93.3272, 66.6049



18.4706, 20.4869, 21.0114



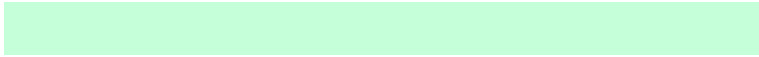
0.0000, 0.0000, 0.0000



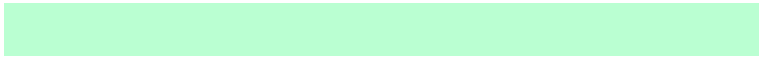
20.3446, 21.4041, 23.3091

Same Dimension

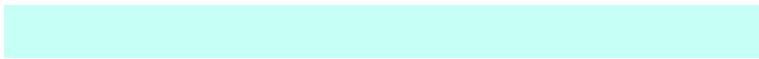
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3110, 88.4004, 78.9515



67.6656, 86.6257, 74.0567



75.3188, 90.0035, 100.0561



18.0301, 20.2716, 20.4615



19.6673, 37.7635, 11.3993



1.9640, 3.6965, 1.3682

Inverse Universe

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



76.2019, 67.1913, 87.5498



73.2907, 62.2251, 83.9399



72.4285, 65.6820, 67.6793



18.5109, 18.1877, 21.3077



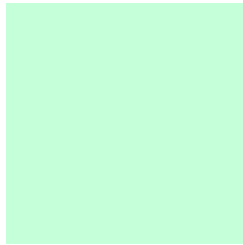
25.2696, 12.5971, 20.6018



2.5119, 1.2471, 2.2769

Previews

White Background



This preview shows how the XYZ color 71.3103, 88.4001, 78.9501 looks on a white background.

Color Contrast Check

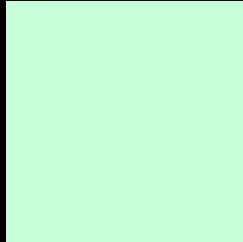
Large Text (above 18pt) WCAG AA × Fail

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 71.3103, 88.4001, 78.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

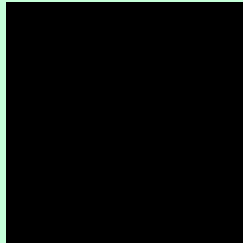
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

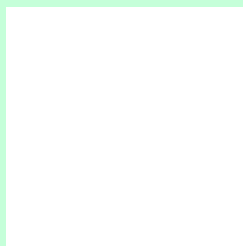
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3103, 88.4001, 78.9501

Background



This preview shows how black text looks on a background with the XYZ color 71.3103, 88.4001, 78.9501.



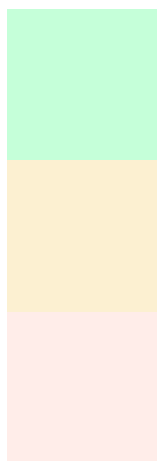
This preview shows how white text looks on a background with the XYZ color 71.3103, 88.4001,

78.9501.

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

71.3103, 88.4001, 78.9501

Protanopia

82.8136, 87.6191, 72.8690

Deuteranopia

86.2322, 87.7116, 89.4759



Tritanopia

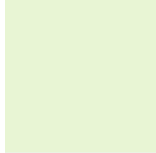
81.1412, 87.7687, 107.2722

Trichromacy



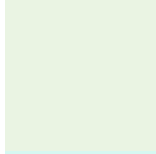
Original Color

71.3103, 88.4001, 78.9501



Protanomaly

77.8148, 87.2141, 75.0201



Deuteranomaly

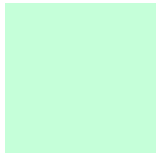
80.1475, 87.7398, 85.3843



Tritanomaly

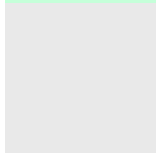
77.1761, 87.7818, 96.0951

Monochromacy



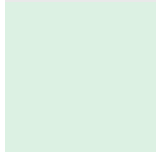
Original Color

71.3103, 88.4001, 78.9501



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.8356, 83.6723, 84.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3103, 88.4001, 78.9501 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(197, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 217)  
}
```

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(197, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.3103, 88.4001, 78.9501 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(197, 255, 217) }
```


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

```
.border{ border-color:rgb(197, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3103, 88.4001, 78.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 217) }
```

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

```
.background{ background-color: rgb(197,  
255, 217) }
```

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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