

Converting Colors

XYZ(71.6386, 88.4713, 83.3926)

Have a look what the booklet for
XYZ(71.6386, 88.4713, 83.3926)
contains.

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Color

**XYZ(71.5850, 88.4498,
83.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFDF
RGB	195, 255, 223
RGB Percent	76%, 100%, 87%
CMY	0.2353, 0.0000, 0.1255
CMYK	0.24, 0.00, 0.13, 0.00
HSL	148°, 100%, 88%
HSV	148°, 24%, 100%
XYZ	71.5850, 88.4498, 83.1116
YIQ	233.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

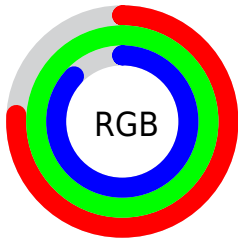
Format	Color
RYB	195, 236, 255
Decimal	12845023
CIELab	95.35, -25.04, 9.20
CIELCh	95, 26.678, 159.823
Yxy	88.4498, 0.2944, 0.3638
Android (android.graphics.Color)	4291035103 (0xFFC3FFDF)
YUV	233.4120, -5.1331, -33.6873
Hunter-Lab	94.0478, -28.7172, 13.4378

Details

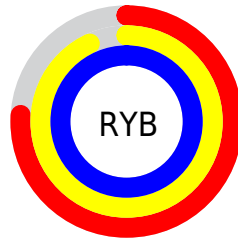
The XYZ color **71.5850, 88.4498, 83.1116** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.6208, 65.8373, 81.4482**, and the grayscale version is **77.8135, 81.8659, 89.1520**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **38.0772, 48.7908, 44.4565** is the 20% darker color. If you saturate the color by 10%, you get **63.7887, 84.6341, 73.5570**, and if you desaturate by 10%, it is **80.6554, 92.9053, 93.4975**.

Distribution



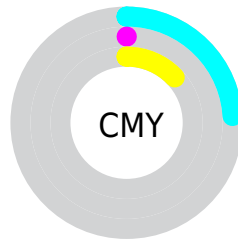
- Red (76%)
- Green (100%)
- Blue (87%)



- Red (76%)
- Yellow (93%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5850, 88.4498, 83.1116 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 71.5850, 88.4498, 83.1116 by changing the saturation by 10% instead.


 71.5850, 88.4498,
83.1116

 71.5850, 88.4498,
83.1116


455.2759,
522.9751, 525.3391

 53.1040, 66.6956,
61.7411

 120.4803,
145.1832, 139.5824

 38.1136, 48.8373,
44.3891


151.6253,
180.9313, 175.5197

 26.2485, 34.4905,
30.6371


187.7224,
222.1127, 217.1498

 17.1433, 23.2706,
20.0665

229.1369,
269.1120, 264.8910

 10.4326, 14.7935,
12.2588

276.2341,
322.3135, 319.1620

 5.7512, 8.6746,
6.7955

329.3795,

 2.7336, 4.5295,

382.1016, 380.3814

3.2581

388.9383,
448.8606, 448.9675

■ 1.0145, 1.9740,
1.2279

■ 0.0000, 0.5923,
0.0015

■ 71.5850, 88.4498,
83.1116

■ 71.5850, 88.4498,
83.1116

■ 63.7887, 84.6341,
73.5570

■ 80.6554, 92.9053,
93.4975

■ 57.2033, 81.4260,
64.8087

■ 91.0537, 98.0280,
104.7303

■ 51.7641, 78.7926,
56.8462

■ 95.0500, 100.0000,
108.9000

■ 47.3987, 76.6970,
49.6469

■ 44.0260, 75.0978,
43.1868

■ 41.5528, 73.9474,
37.4403

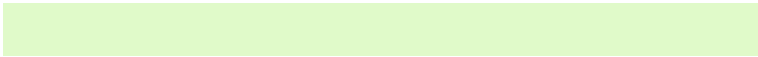
■ 39.8658, 73.1880,
32.3801

■ 39.0900, 72.8520,
29.4553

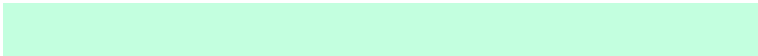
Harmonies

Analogous

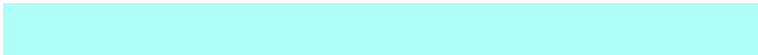
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4068, 88.4498, 68.6452



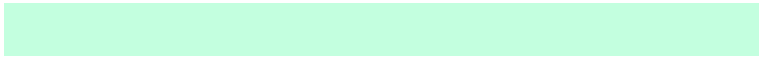
71.5850, 88.4498, 83.1116



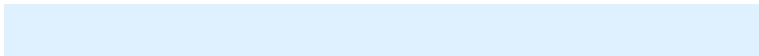
70.9983, 88.4498, 103.3199

Triad

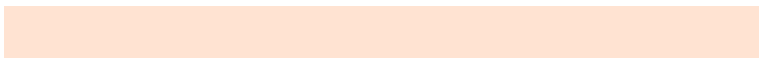
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5850, 88.4498, 83.1116



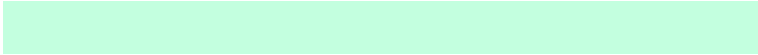
86.4832, 88.4498, 141.5310



95.3019, 88.4498, 72.8152

Complementary

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



71.5850, 88.4498, 83.1116



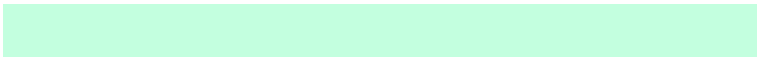
74.6208, 65.8373, 81.4482

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.



98.6525, 88.4498, 89.6185



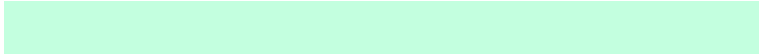
71.5850, 88.4498, 83.1116



93.3701, 88.4498, 130.5503

Square

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



71.5850, 88.4498, 83.1116



79.3255, 88.4498, 139.1207



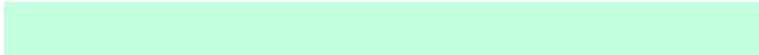
97.9258, 88.4498, 110.8295



88.9976, 88.4498, 63.3236

Rectangle

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



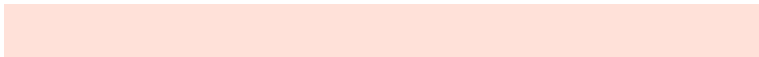
71.5850, 88.4498, 83.1116



72.4837, 88.4498, 117.6852



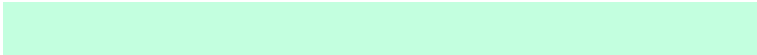
97.9258, 88.4498, 110.8295



96.8271, 88.4498, 77.6882

Sweetspot

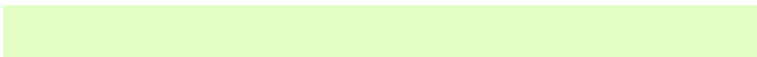
The Sweet Spot groups the original color and five complimentary colors.



71.5858, 88.4502, 83.1130



87.2900, 96.1723, 100.7335



77.2895, 91.7913, 65.2750



18.5472, 20.5176, 21.4146



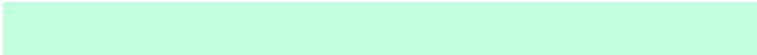
0.0000, 0.0000, 0.0000



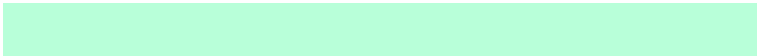
20.3446, 21.4041, 23.3091

Same Dimension

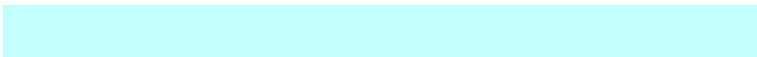
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5858, 88.4502, 83.1130



67.9456, 86.6667, 78.7389



75.9959, 90.2143, 106.3363



18.1243, 20.3093, 20.9577



20.4992, 38.0963, 15.7797



2.0505, 3.7311, 1.8238

Inverse Universe

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



74.6208, 65.8373, 81.4482



71.4394, 60.6318, 76.8198



70.8339, 64.3226, 61.5068



18.4143, 18.1490, 20.7990



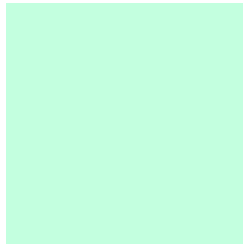
23.9469, 12.0681, 13.6370



2.3869, 1.1971, 1.6186

Previews

White Background



This preview shows how the XYZ color 71.5850, 88.4498, 83.1116 looks on a white background.

Color Contrast Check

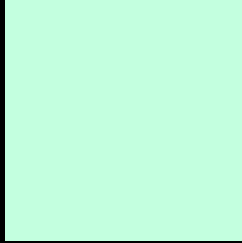
Large Text (above 18pt) WCAG AA × Fail

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 71.5850, 88.4498, 83.1116 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

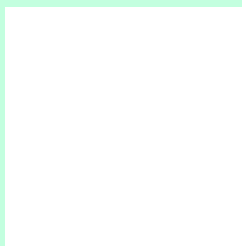
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5850, 88.4498, 83.1116

Background



This preview shows how black text looks on a background with the XYZ color 71.5850, 88.4498, 83.1116.



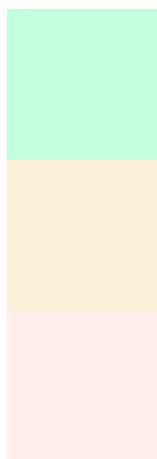
This preview shows how white text looks on a background with the XYZ color 71.5850, 88.4498,

83.1116.

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

71.5850, 88.4498, 83.1116

Protanopia

83.2095, 87.7357, 76.8391

Deuteranopia

86.5196, 87.8265, 90.9894



Tritanopia

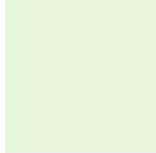
81.1338, 88.2128, 107.3583

Trichromacy



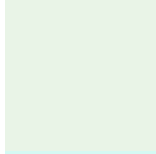
Original Color

71.5850, 88.4498, 83.1116



Protanomaly

78.2623, 87.3557, 79.0661



Deuteranomaly

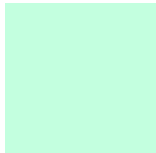
80.3788, 87.7945, 88.3109



Tritanomaly

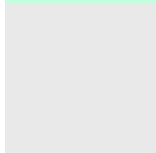
77.4939, 88.3686, 97.7665

Monochromacy



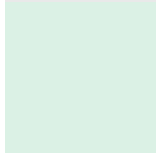
Original Color

71.5850, 88.4498, 83.1116



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.8116, 83.6278, 86.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5850, 88.4498, 83.1116 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(195, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 223)  
}
```

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(195, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.5850, 88.4498, 83.1116 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(195, 255, 223) }
```


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

```
.border{ border-color:rgb(195, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5850, 88.4498, 83.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 223) }
```

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

```
.background{ background-color: rgb(195,  
255, 223) }
```

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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