

Converting Colors

XYZ(71.3285, 88.3117, 83.3686)

Have a look what the booklet for
XYZ(71.3285, 88.3117, 83.3686)
contains.

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Color

**XYZ(71.3274, 88.3170,
83.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFDF
RGB	194, 255, 223
RGB Percent	76%, 100%, 87%
CMY	0.2392, 0.0000, 0.1255
CMYK	0.24, 0.00, 0.13, 0.00
HSL	149°, 100%, 88%
HSV	149°, 24%, 100%
XYZ	71.3274, 88.3170, 83.0996
YIQ	233.1130, -26.0840, -22.8840

Conversions

Conversions Part 2

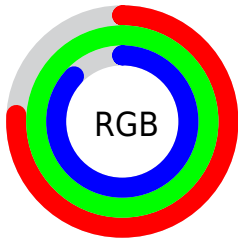
Format	Color
RYB	194, 235, 255
Decimal	12779487
CIELab	95.29, -25.35, 9.11
CIELCh	95, 26.936, 160.222
Yxy	88.3170, 0.2938, 0.3638
Android (android.graphics.Color)	4290969567 (0xFFC2FFDF)
YUV	233.1130, -4.9857, -34.3021
Hunter-Lab	93.9771, -28.9808, 13.3566

Details

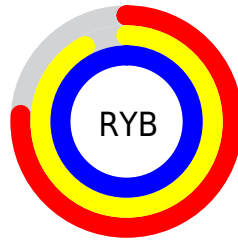
The XYZ color **71.3274, 88.3170, 83.0996** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.2597, 65.3355, 80.6486**, and the grayscale version is **77.5873, 81.6279, 88.8928**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **37.9094, 48.7043, 44.4486** is the 20% darker color. If you saturate the color by 10%, you get **63.6018, 84.5345, 73.6930**, and if you desaturate by 10%, it is **80.3201, 92.7362, 93.3122**.

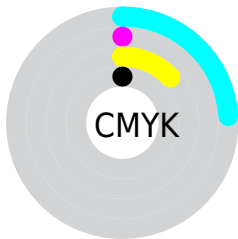
Distribution



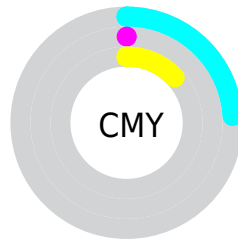
- Red (76%)
- Green (100%)
- Blue (87%)



- Red (76%)
- Yellow (92%)
- 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 71.3274, 88.3170, 83.0996 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 71.3274, 88.3170, 83.0996 by changing the saturation by 10% instead.

71.3274, 88.3170,
83.0996

71.3274, 88.3170,
83.0996

454.3912,
522.5408, 525.2981

52.8929, 66.5856,
61.7312

120.1158,
144.9984, 139.5654

37.9444, 48.7480,
44.3812

151.2004,
180.7172, 175.5000

26.1166, 34.4196,
30.6309

187.2324,
221.8673, 217.1270

17.0440, 23.2161,
20.0618

228.5772,
268.8331, 264.8650

10.3614, 14.7532,
12.2555

275.6001,
321.9989, 319.1326

5.7033, 8.6463,
6.7933

328.6665,

2.7045, 4.5112,

381.7492, 380.3483

3.2567

388.1417,
448.4684, 448.9306

■ 0.9995, 1.9635,
1.2271

■ 0.0000, 0.5861,
0.0009

■ 71.3274, 88.3170,
83.0996

■ 71.3274, 88.3170,
83.0996

■ 63.6018, 84.5345,
73.6930

■ 80.3201, 92.7362,
93.3122

■ 57.0802, 81.3567,
65.0681

■ 90.6339, 97.8196,
104.3456

■ 51.6977, 78.7504,
57.2055

■ 95.0500, 100.0000,
108.9000

■ 47.3819, 76.6786,
50.0836

■ 44.0516, 75.1001,
43.6792

■ 41.6129, 73.9668,
37.9681

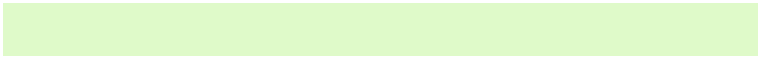
■ 39.9521, 73.2205,
32.9238

■ 39.2255, 72.9062,
30.1692

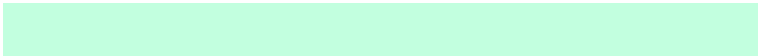
Harmonies

Analogous

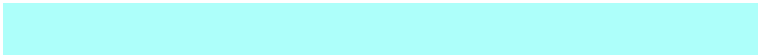
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1388, 88.3170, 68.4371



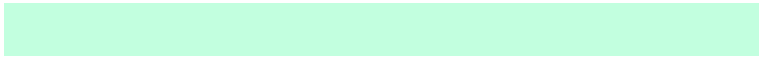
71.3274, 88.3170, 83.0996



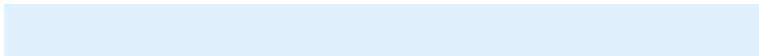
70.7818, 88.3170, 103.5290

Triad

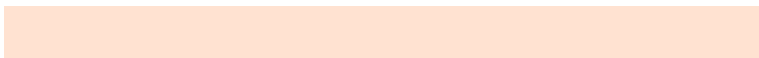
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3274, 88.3170, 83.0996



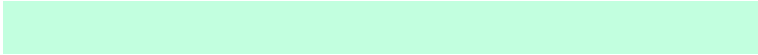
86.4770, 88.3170, 141.7747



95.2089, 88.3170, 72.3108

Complementary

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



71.3274, 88.3170, 83.0996



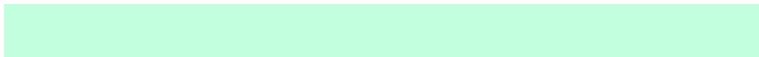
74.2597, 65.3355, 80.6486

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.



98.6414, 88.3170, 89.1535



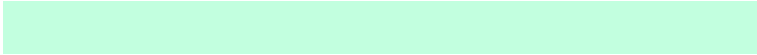
71.3274, 88.3170, 83.0996



93.4086, 88.3170, 130.5157

Square

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



71.3274, 88.3170, 83.0996



79.2482, 88.3170, 139.5247



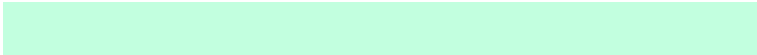
97.9640, 88.3170, 110.5266



88.8189, 88.3170, 62.8671

Rectangle

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



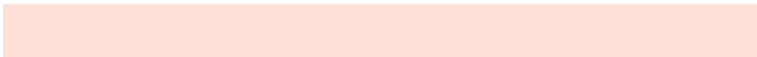
71.3274, 88.3170, 83.0996



72.3077, 88.3170, 118.0199



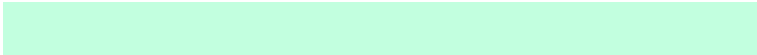
97.9640, 88.3170, 110.5266



96.7633, 88.3170, 77.1850

Sweetspot

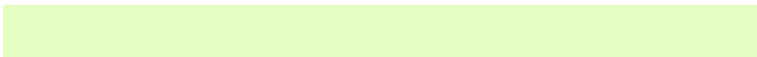
The Sweet Spot groups the original color and five complimentary colors.



71.3282, 88.3174, 83.1010



87.3139, 96.1819, 100.8594



77.0297, 91.6704, 64.6744



18.5527, 20.5198, 21.4438



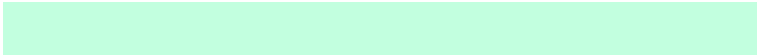
0.0000, 0.0000, 0.0000



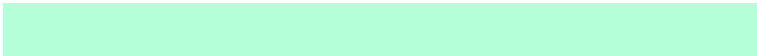
20.3446, 21.4041, 23.3091

Same Dimension

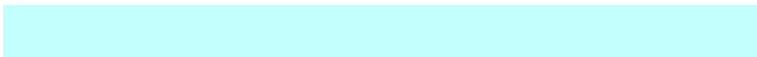
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3282, 88.3174, 83.1010



67.2493, 86.3184, 78.2233



75.7330, 90.0793, 106.2962



18.1312, 20.3120, 20.9937



20.5705, 38.1248, 16.1552



2.0576, 3.7340, 1.8613

Inverse Universe

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



74.2597, 65.3355, 80.6486



70.6714, 59.4870, 75.3580



70.5001, 63.8316, 60.8506



18.4075, 18.1463, 20.7628



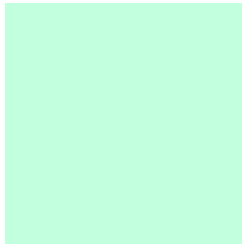
23.8648, 12.0352, 13.2044



2.3789, 1.1939, 1.5766

Previews

White Background



This preview shows how the XYZ color 71.3274, 88.3170, 83.0996 looks on a white background.

Color Contrast Check

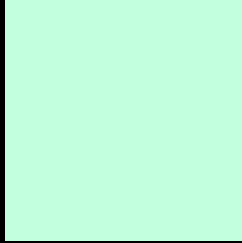
Large Text (above 18pt) WCAG AA × Fail

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 71.3274, 88.3170, 83.0996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

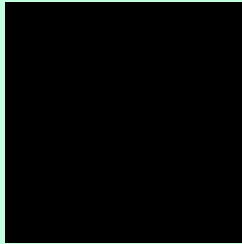
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

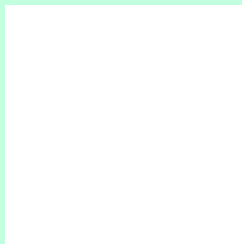
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3274, 88.3170, 83.0996

Background



This preview shows how black text looks on a background with the XYZ color 71.3274, 88.3170, 83.0996.

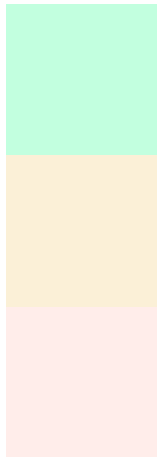


This preview shows how white text looks on a background with the XYZ color 71.3274, 88.3170,

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

71.3274, 88.3170, 83.0996

Protanopia

83.2095, 87.7357, 76.8391

Deuteranopia

86.3755, 87.7689, 90.2305



Tritanopia

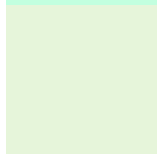
81.1338, 88.2128, 107.3583

Trichromacy



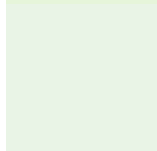
Original Color

71.3274, 88.3170, 83.0996



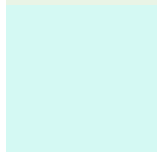
Protanomaly

77.9404, 87.1898, 79.0511



Deuteranomaly

80.2379, 87.7382, 87.5691



Tritanomaly

77.2047, 88.2195, 97.7530

Monochromacy



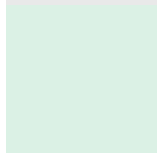
Original Color

71.3274, 88.3170, 83.0996



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 71.3274, 88.3170, 83.0996 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(194, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.3274, 88.3170, 83.0996 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(194, 255, 223) }
```


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

```
.border{ border-color:rgb(194, 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(194, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3274, 88.3170, 83.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 223) }
```

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

```
.background{ background-color: rgb(194,  
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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