

Converting Colors

XYZ(79.4498, 100.0000,
85.7029)

Have a look what the booklet for
XYZ(79.4498, 100.0000, 85.7029)
contains.

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Color

**XYZ(74.3914, 89.8810,
83.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFE0
RGB	205, 255, 224
RGB Percent	80%, 100%, 88%
CMY	0.1961, 0.0000, 0.1216
CMYK	0.20, 0.00, 0.12, 0.00
HSL	143°, 100%, 90%
HSV	143°, 20%, 100%
XYZ	74.3914, 89.8810, 83.9489
YIQ	236.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

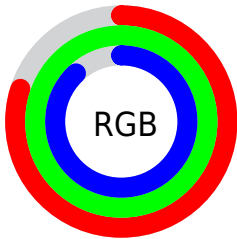
Format	Color
R _Y B	205, 241, 255
Decimal	13500384
CIE Lab	95.95, -21.75, 9.62
CIE LCh	96, 23.780, 156.137
Yxy	89.8810, 0.2997, 0.3621
Android (android.graphics.Color)	4291690464 (0xFFCDDFE0)
YUV	236.5160, -6.1704, -27.6395
Hunter-Lab	94.8056, -25.8456, 13.8635

Details

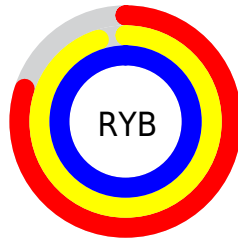
The XYZ color **74.3914, 89.8810, 83.9489** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.2121, 70.9796, 88.9350**, and the grayscale version is **80.1807, 84.3563, 91.8641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9332, 49.7368, 45.0316** is the 20% darker color. If you saturate the color by 10%, you get **65.8755, 85.7272, 72.8736**, and if you desaturate by 10%, it is **84.2546, 94.7062, 96.1308**.

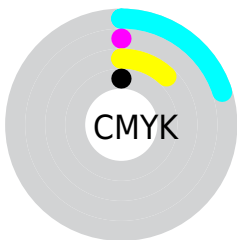
Distribution



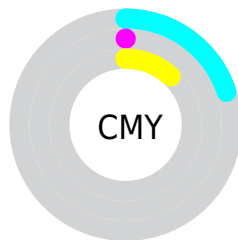
- Red (80%)
- Green (100%)
- Blue (88%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3914, 89.8810, 83.9489 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 74.3914, 89.8810, 83.9489 by changing the saturation by 10% instead.


 74.3914, 89.8810,
83.9489

 74.3914, 89.8810,
83.9489


464.8526,
527.6437, 528.1971

 55.4069, 67.8819,
62.4281


124.4430,
147.1731, 140.7648

 39.9627, 49.8017,
44.9407


156.2408,
183.2349, 176.8969

 27.6935, 35.2559,
31.0681


193.0404,
224.7531, 218.7367

 18.2340, 23.8600,
20.3918

235.2071,
272.1121, 266.7024

 11.2189, 15.2298,
12.4933

283.1063,
325.6963, 321.2128

 6.2826, 8.9808,
6.9540

337.1034,

 3.0600, 4.7287,

385.8900, 382.6864

3.3553

397.5637,
453.0776, 451.5416

■ 1.1856, 2.0890,
1.2788

■ 0.0949, 0.6584,
0.0443

■ 74.3914, 89.8810,
83.9489

■ 74.3914, 89.8810,
83.9489

■ 65.8755, 85.7272,
72.8736

■ 84.2546, 94.7062,
96.1308

■ 58.6437, 82.2130,
62.8696

95.0500, 100.0000,
108.9000

■ 52.6311, 79.3055,
53.9058

■ 47.7659, 76.9685,
45.9479

■ 43.9685, 75.1617,
38.9597

■ 41.1483, 73.8389,
32.9028

■ 39.1985, 72.9461,
27.7358

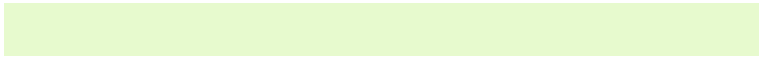
■ 37.9548, 72.3994,
23.4121

■ 37.9132, 72.3813,
23.2586

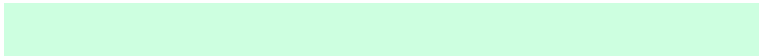
Harmonies

Analogous

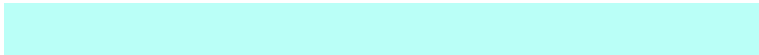
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1953, 89.8810, 71.4625



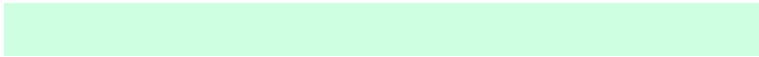
74.3914, 89.8810, 83.9489



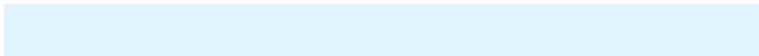
73.4766, 89.8810, 101.7833

Triad

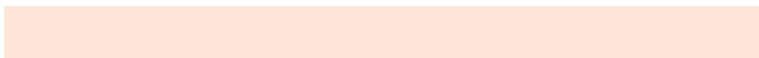
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3914, 89.8810, 83.9489



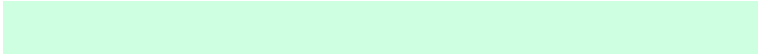
86.7866, 89.8810, 138.4154



96.0409, 89.8810, 78.0461

Complementary

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



74.3914, 89.8810, 83.9489



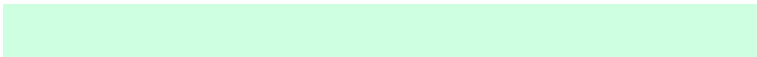
78.2121, 70.9796, 88.9350

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.



98.6124, 89.8810, 94.0489



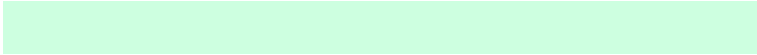
74.3914, 89.8810, 83.9489



93.0960, 89.8810, 130.0811

Square

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



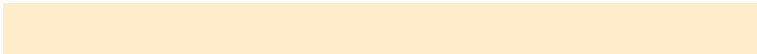
74.3914, 89.8810, 83.9489



80.4208, 89.8810, 134.8122



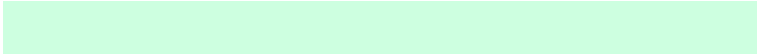
97.5081, 89.8810, 113.2401



90.6413, 89.8810, 68.3724

Rectangle

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



74.3914, 89.8810, 83.9489



74.5847, 89.8810, 114.6800



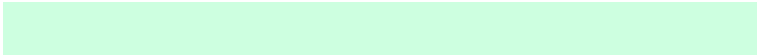
97.5081, 89.8810, 113.2401



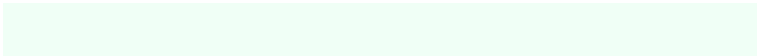
97.2770, 89.8810, 82.7799

Sweetspot

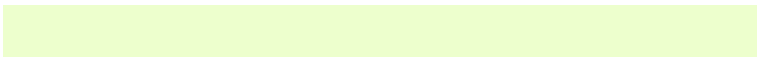
The Sweet Spot groups the original color and five complimentary colors.



74.3921, 89.8813, 83.9503



88.1535, 96.6168, 100.8011



81.5937, 93.8752, 71.5780



18.7144, 20.6045, 21.3922



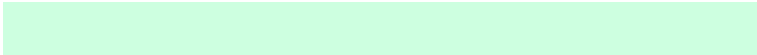
0.0000, 0.0000, 0.0000



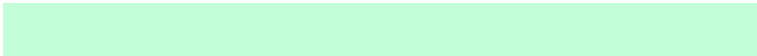
20.3446, 21.4041, 23.3091

Same Dimension

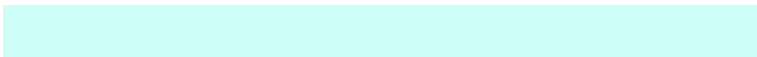
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3921, 89.8813, 83.9503



70.4886, 87.9756, 78.9503



77.9324, 91.2974, 102.5932



18.0572, 20.2824, 20.6039



19.8773, 37.8475, 12.5052



1.9866, 3.7056, 1.4871

Inverse Universe

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



78.2121, 70.9796, 88.9350



75.0163, 65.5662, 84.8545



74.9136, 69.6603, 71.5656



18.4829, 18.1765, 21.1600



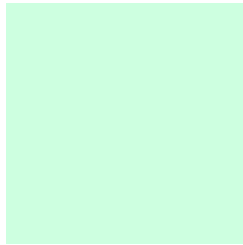
24.8529, 12.4305, 18.4077



2.4731, 1.2316, 2.0727

Previews

White Background



This preview shows how the XYZ color 74.3914, 89.8810, 83.9489 looks on a white background.

Color Contrast Check

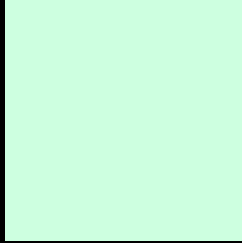
Large Text (above 18pt) WCAG AA × Fail

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 74.3914, 89.8810, 83.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

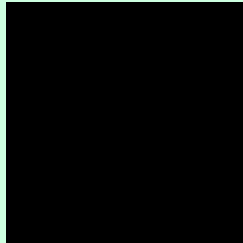
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

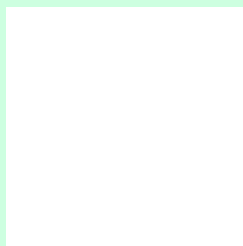
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3914, 89.8810, 83.9489

Background



This preview shows how black text looks on a background with the XYZ color 74.3914, 89.8810, 83.9489.



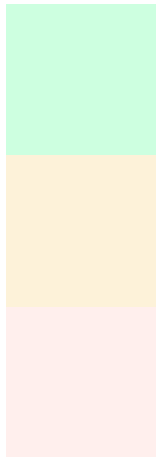
This preview shows how white text looks on a background with the XYZ color 74.3914, 89.8810,

83.9489.

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

74.3914, 89.8810, 83.9489

Protanopia

84.7845, 89.3967, 78.4323

Deuteranopia

87.3926, 89.1074, 92.7141



Tritanopia

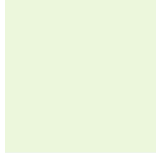
83.3355, 89.3478, 107.4613

Trichromacy



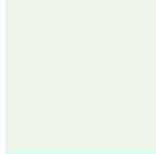
Original Color

74.3914, 89.8810, 83.9489



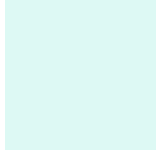
Protanomaly

80.7711, 89.5217, 80.7325



Deuteranomaly

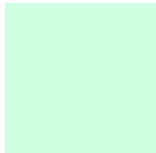
82.1429, 89.1355, 89.2194



Tritanomaly

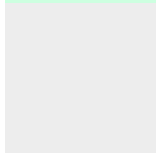
80.0236, 89.6552, 98.6754

Monochromacy



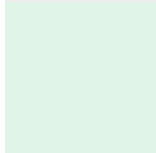
Original Color

74.3914, 89.8810, 83.9489



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9675, 86.5351, 88.9376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3914, 89.8810, 83.9489 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(205, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 224)  
}
```

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(205, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.3914, 89.8810, 83.9489 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(205, 255, 224) }
```


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

```
.border{ border-color:rgb(205, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3914, 89.8810, 83.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 224) }
```

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

```
.background{ background-color: rgb(205,  
255, 224) }
```

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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