

Converting Colors

XYZ(74.1125, 89.8350, 79.5149)

Have a look what the booklet for
XYZ(74.1125, 89.8350, 79.5149)
contains.

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Color

**XYZ(74.1470, 89.8474,
79.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFDA
RGB	207, 255, 218
RGB Percent	81%, 100%, 85%
CMY	0.1882, 0.0000, 0.1451
CMYK	0.19, 0.00, 0.15, 0.00
HSL	134°, 100%, 91%
HSV	134°, 19%, 100%
XYZ	74.1470, 89.8474, 79.7640
YIQ	236.4300, -16.7310, -21.6830

Conversions

Conversions Part 2

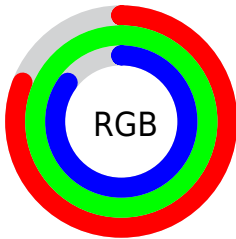
Format	Color
R_{YB}	207, 246, 255
Decimal	13631450
CIE _{Lab}	95.93, -22.19, 12.70
CIE _{LCh}	96, 25.567, 150.227
Yxy	89.8474, 0.3042, 0.3686
Android (android.graphics.Color)	4291821530 (0xFFCFFFDA)
YUV	236.4300, -9.0860, -25.8101
Hunter-Lab	94.7879, -26.2487, 16.4590

Details

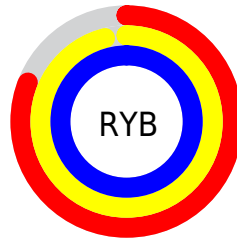
The XYZ color **74.1470, 89.8474, 79.7640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.8822, 72.4180, 95.3553**, and the grayscale version is **80.1346, 84.3078, 91.8112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7538, 49.7079, 42.1497** is the 20% darker color. If you saturate the color by 10%, you get **65.1669, 85.4977, 66.7038**, and if you desaturate by 10%, it is **84.5841, 94.9128, 94.4875**.

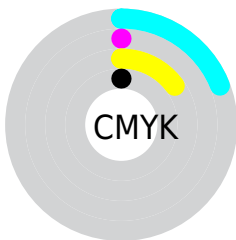
Distribution



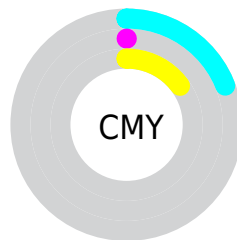
- Red (81%)
- Green (100%)
- Blue (85%)



- Red (81%)
- Yellow (96%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1470, 89.8474, 79.7640 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 74.1470, 89.8474, 79.7640 by changing the saturation by 10% instead.

 74.1470, 89.8474,
79.7640

 74.1470, 89.8474,
79.7640


464.0230,
527.5343, 513.8229

 55.2061, 67.8541,
58.9991


124.0986,
147.1264, 134.8423

 39.8012, 49.7790,
42.1924


155.8399,
183.1809, 169.9928

 27.5671, 35.2379,
28.9253


192.5787,
224.6912, 210.7756

 18.1384, 23.8462,
18.7792

234.6804,
272.0418, 257.6092

 11.1497, 15.2195,
11.3357

282.5104,
325.6170, 310.9122

 6.2356, 8.9736,
6.1761

336.4339,

 3.0309, 4.7240,

385.8012, 371.1032

2.8819

396.8163,
452.9789, 438.6005

■ 1.1701, 2.0862,
1.0347

■ 0.0826, 0.6569,
0.0000

■ 74.1470, 89.8474,
79.7640

■ 74.1470, 89.8474,
79.7640

■ 65.1669, 85.4977,
66.7038

■ 84.5841, 94.9128,
94.4875

■ 57.5760, 81.8302,
55.2441

95.0500, 100.0000,
108.9000

■ 51.3041, 78.8100,
45.3246

■ 46.2738, 76.3985,
36.8791

■ 42.3997, 74.5532,
29.8369

■ 39.5849, 73.2257,
24.1214

■ 37.7159, 72.3593,
19.6483

■ 36.6333, 71.8737,
16.3227

■ 36.5350, 71.8300,
16.0012

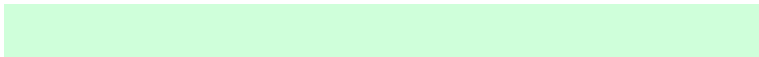
Harmonies

Analogous

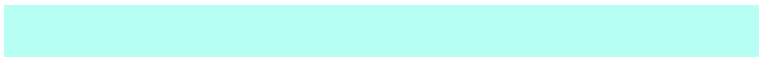
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7434, 89.8474, 67.9329



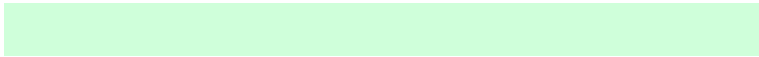
74.1470, 89.8474, 79.7640



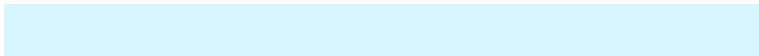
72.5281, 89.8474, 97.9827

Triad

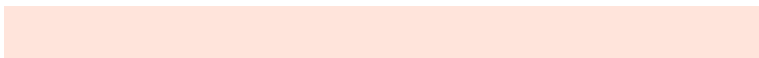
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1470, 89.8474, 79.7640



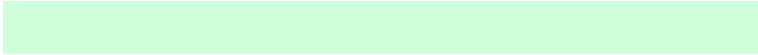
85.4511, 89.8474, 142.0872



97.6727, 89.8474, 79.5314

Complementary

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



74.1470, 89.8474, 79.7640



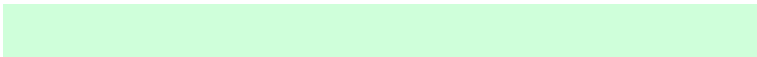
79.8822, 72.4180, 95.3553

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.



99.7053, 89.8474, 97.6746



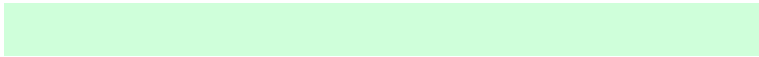
74.1470, 89.8474, 79.7640



92.4157, 89.8474, 135.4151

Square

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



74.1470, 89.8474, 79.7640



78.8317, 89.8474, 135.6065



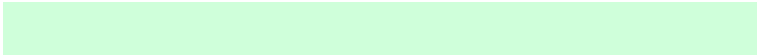
97.7316, 89.8474, 118.4333



92.3176, 89.8474, 67.8122

Rectangle

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



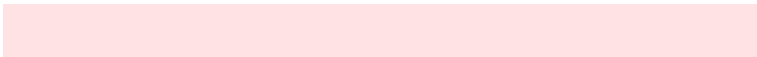
74.1470, 89.8474, 79.7640



73.2814, 89.8474, 111.8963



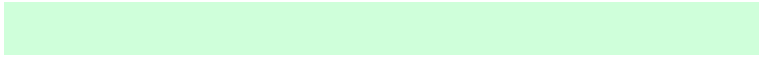
97.7316, 89.8474, 118.4333



98.7800, 89.8474, 84.9922

Sweetspot

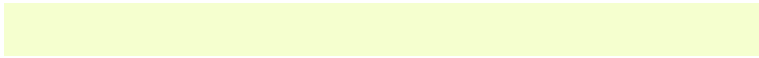
The Sweet Spot groups the original color and five complimentary colors.



74.1477, 89.8477, 79.7654



87.8023, 96.4764, 98.9518



84.5395, 95.3657, 72.9841



18.6316, 20.5713, 20.9561



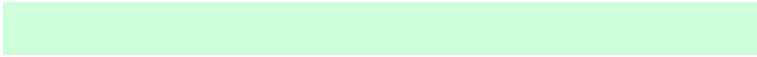
0.0000, 0.0000, 0.0000



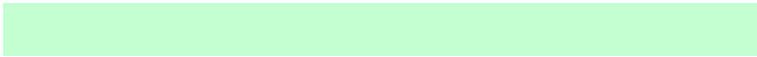
20.3446, 21.4041, 23.3091

Same Dimension

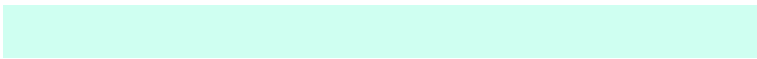
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1477, 89.8477, 79.7654



70.2230, 87.9455, 74.1109



77.4296, 91.1604, 97.0478



17.9421, 20.2364, 19.9979



19.1368, 37.5513, 8.6058



1.9028, 3.6720, 1.0460

Inverse Universe

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



79.8822, 72.4180, 95.3553



77.0197, 67.2822, 92.5843



76.5512, 71.0856, 77.8144



18.6041, 18.2249, 21.7982



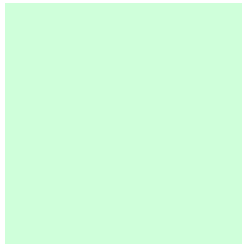
26.8481, 13.2285, 28.9144



2.6555, 1.3046, 3.0330

Previews

White Background



This preview shows how the XYZ color 74.1470, 89.8474, 79.7640 looks on a white background.

Color Contrast Check

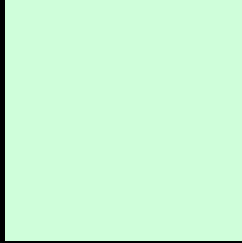
Large Text (above 18pt) WCAG AA × Fail

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 74.1470, 89.8474, 79.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

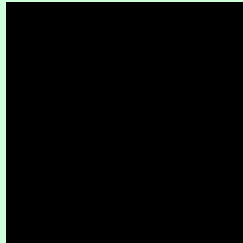
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

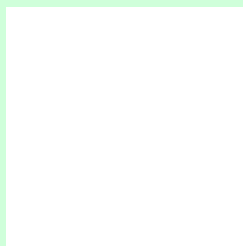
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1470, 89.8474, 79.7640

Background



This preview shows how black text looks on a background with the XYZ color 74.1470, 89.8474, 79.7640.



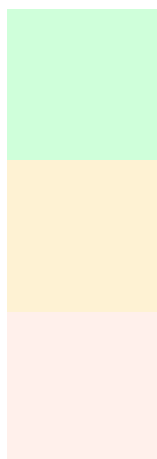
This preview shows how white text looks on a background with the XYZ color 74.1470, 89.8474,

79.7640.

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

74.1470, 89.8474, 79.7640

Protanopia

84.3831, 89.2782, 74.4130

Deuteranopia

87.3955, 89.5783, 91.2814



Tritanopia

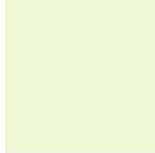
83.3355, 89.3478, 107.4613

Trichromacy



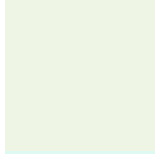
Original Color

74.1470, 89.8474, 79.7640



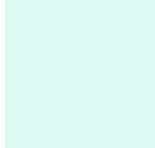
Protanomaly

80.3234, 89.3811, 76.6371



Deuteranomaly

82.0552, 89.1391, 87.0095



Tritanomaly

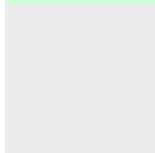
80.0269, 89.6918, 97.0988

Monochromacy



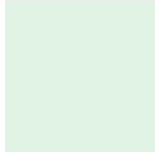
Original Color

74.1470, 89.8474, 79.7640



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2448, 85.7659, 86.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1470, 89.8474, 79.7640 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(207, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 218)  
}
```

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(207, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.1470, 89.8474, 79.7640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

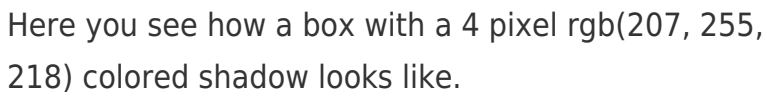
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 218) }
```


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

```
.border{ border-color:rgb(207, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 255, 218); box-shadow:4px 4px 4px 4px rgb(207, 255, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1470, 89.8474, 79.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 218) }
```

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

```
.background{ background-color: rgb(207,  
255, 218) }
```

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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