

Converting Colors

XYZ(97.2674, 136.2633,
86.7685)

Have a look what the booklet for
XYZ(97.2674, 136.2633, 86.7685)
contains.

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Color

**XYZ(74.0165, 89.7952,
79.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFD9
RGB	207, 255, 217
RGB Percent	81%, 100%, 85%
CMY	0.1882, 0.0000, 0.1490
CMYK	0.19, 0.00, 0.15, 0.00
HSL	133°, 100%, 91%
HSV	133°, 19%, 100%
XYZ	74.0165, 89.7952, 79.0768
YIQ	236.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

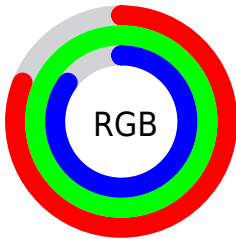
Format	Color
R_{YB}	207, 247, 255
Decimal	13631449
CIE _{Lab}	95.91, -22.37, 13.18
CIE _{LCh}	96, 25.962, 149.498
Yxy	89.7952, 0.3047, 0.3697
Android (android.graphics.Color)	4291821529 (0xFFCFFFD9)
YUV	236.3160, -9.5228, -25.7101
Hunter-Lab	94.7603, -26.4057, 16.8552

Details

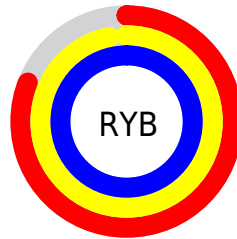
The XYZ color **74.0165, 89.7952, 79.0768** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.0345, 72.4789, 96.1572**, and the grayscale version is **80.0502, 84.2190, 91.7145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6646, 49.6722, 41.6796** is the 20% darker color. If you saturate the color by 10%, you get **64.9907, 85.4272, 65.7760**, and if you desaturate by 10%, it is **84.5154, 94.8853, 94.1259**.

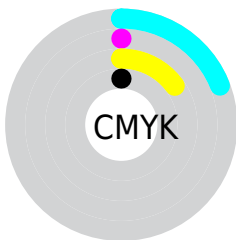
Distribution



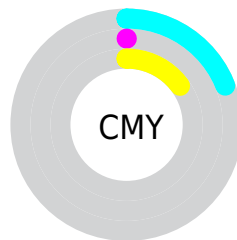
- Red (81%)
- Green (100%)
- Blue (85%)



- Red (81%)
- Yellow (97%)
- 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 74.0165, 89.7952, 79.0768 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 74.0165, 89.7952, 79.0768 by changing the saturation by 10% instead.

74.0165, 89.7952,
79.0768

74.0165, 89.7952,
79.0768

463.5797,
527.3644, 511.4406

55.0989, 67.8108,
58.4373

123.9146,
147.0539, 133.8666

39.7150, 49.7438,
41.7433

155.6257,
183.0970, 168.8540

27.4997, 35.2099,
28.5762

192.3321,
224.5950, 209.4610

18.0874, 23.8246,
18.5177

234.3991,
271.9325, 256.1063

11.1128, 15.2036,
11.1490

282.1919,
325.4938, 309.2084

6.2106, 8.9624,
6.0517

336.0761,

3.0154, 4.7166,

385.6633, 369.1858

2.8073

396.4169,
452.8254, 436.4570

■ 1.1619, 2.0820,
0.9971

■ 0.0760, 0.6545,
0.0000

■ 74.0165, 89.7952,
79.0768

■ 74.0165, 89.7952,
79.0768

■ 64.9907, 85.4272,
65.7760

■ 84.5154, 94.8853,
94.1259

■ 57.3694, 81.7476,
54.1561

95.0500, 100.0000,
108.9000

■ 51.0812, 78.7208,
44.1511

■ 46.0479, 76.3082,
35.6893

■ 42.1826, 74.4664,
28.6937

■ 39.3872, 73.1466,
23.0802

■ 37.5466, 72.2915,
18.7564

■ 36.4994, 71.8201,
15.6173

■ 36.4056, 71.7782,
15.3197

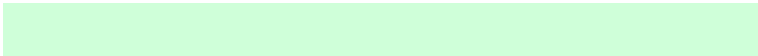
Harmonies

Analogous

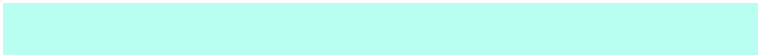
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7406, 89.7952, 67.2873



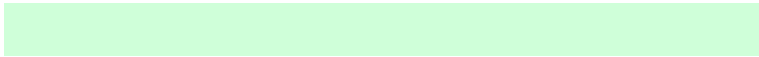
74.0165, 89.7952, 79.0768



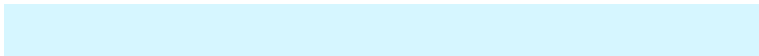
72.2962, 89.7952, 97.4260

Triad

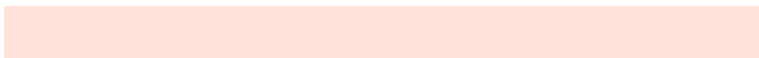
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0165, 89.7952, 79.0768



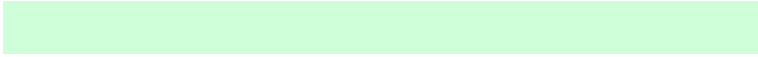
85.2269, 89.7952, 142.7838



97.9123, 89.7952, 79.5983

Complementary

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



74.0165, 89.7952, 79.0768



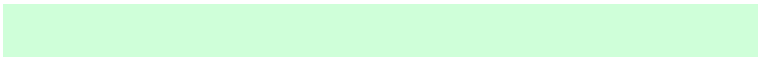
80.0345, 72.4789, 96.1572

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.



99.8823, 89.7952, 98.1182



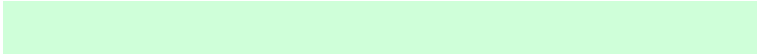
74.0165, 89.7952, 79.0768



92.3143, 89.7952, 136.3015

Square

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



74.0165, 89.7952, 79.0768



78.5424, 89.7952, 135.8701



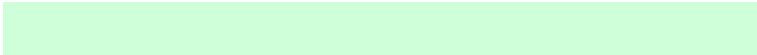
97.7800, 89.7952, 119.2027



92.5350, 89.7952, 67.5574

Rectangle

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



74.0165, 89.7952, 79.0768



73.0055, 89.7952, 111.5445



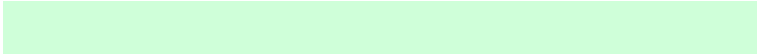
97.7800, 89.7952, 119.2027



99.0079, 89.7952, 85.1820

Sweetspot

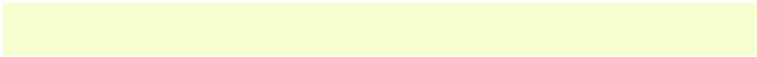
The Sweet Spot groups the original color and five complimentary colors.



74.0172, 89.7955, 79.0782



87.7541, 96.4571, 98.6982



84.8187, 95.5096, 72.9972



18.6203, 20.5668, 20.8963



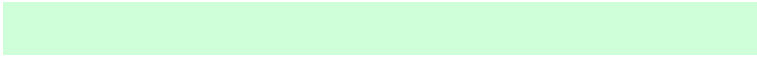
0.0000, 0.0000, 0.0000



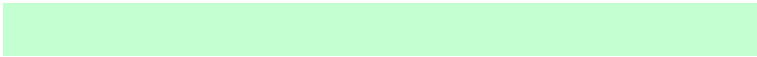
20.3446, 21.4041, 23.3091

Same Dimension

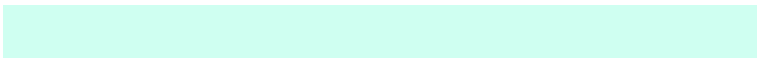
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0172, 89.7955, 79.0782



70.0715, 87.8849, 73.3131



77.3101, 91.1126, 96.4183



17.9264, 20.2301, 19.9152



19.0658, 37.5229, 8.2317



1.8938, 3.6685, 0.9987

Inverse Universe

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



80.0345, 72.4789, 96.1572



77.2034, 67.3557, 93.5519



76.6578, 71.1282, 78.3759



18.6210, 18.2317, 21.8873



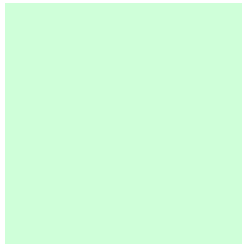
27.1674, 13.3563, 30.5959



2.6840, 1.3160, 3.1833

Previews

White Background



This preview shows how the XYZ color 74.0165, 89.7952, 79.0768 looks on a white background.

Color Contrast Check

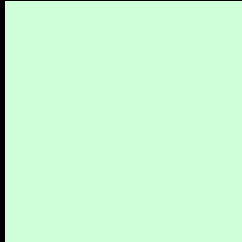
Large Text (above 18pt) WCAG AA × Fail

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 74.0165, 89.7952, 79.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

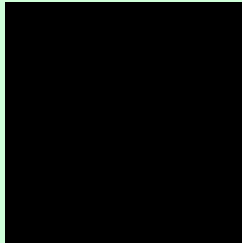
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

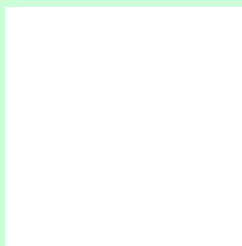
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0165, 89.7952, 79.0768

Background



This preview shows how black text looks on a background with the XYZ color 74.0165, 89.7952, 79.0768.



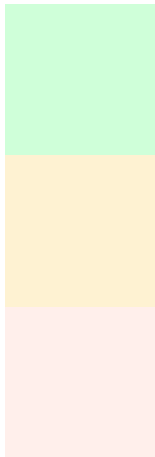
This preview shows how white text looks on a background with the XYZ color 74.0165, 89.7952,

79.0768.

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

74.0165, 89.7952, 79.0768

Protanopia

84.2580, 89.2282, 73.7547

Deuteranopia

87.1019, 88.9912, 91.1835



Tritanopia

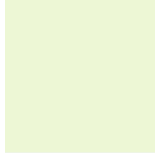
83.3355, 89.3478, 107.4613

Trichromacy



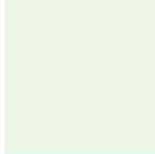
Original Color

74.0165, 89.7952, 79.0768



Protanomaly

80.1961, 89.3301, 75.9664



Deuteranomaly

81.9159, 89.0834, 86.2762



Tritanomaly

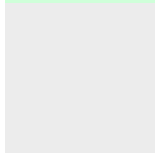
79.8771, 89.6318, 96.3098

Monochromacy



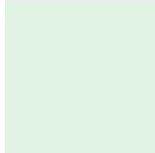
Original Color

74.0165, 89.7952, 79.0768



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 74.0165, 89.7952, 79.0768 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.0165, 89.7952, 79.0768 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, 217) }
```


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

```
.border{ border-color:rgb(207, 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(207, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0165, 89.7952, 79.0768 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, 217) }
```

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

```
.background{ background-color: rgb(207,  
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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