

Converting Colors

XYZ(74.3217, 89.9027, 81.3389)

Have a look what the booklet for
XYZ(74.3217, 89.9027, 81.3389)
contains.

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Color

**XYZ(74.4104, 89.9527,
81.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFDC
RGB	207, 255, 220
RGB Percent	81%, 100%, 86%
CMY	0.1882, 0.0000, 0.1372
CMYK	0.19, 0.00, 0.14, 0.00
HSL	136°, 100%, 91%
HSV	136°, 19%, 100%
XYZ	74.4104, 89.9527, 81.1509
YIQ	236.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

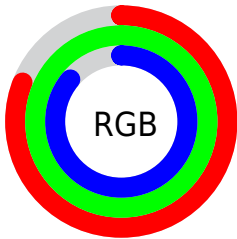
Format	Color
R_{YB}	207, 245, 255
Decimal	13631452
CIE _{Lab}	95.98, -21.84, 11.73
CIE _{LCh}	96, 24.788, 151.752
Yxy	89.9527, 0.3031, 0.3664
Android (android.graphics.Color)	4291821532 (0xFFCFFFD0)
YUV	236.6580, -8.2124, -26.0101
Hunter-Lab	94.8434, -25.9319, 15.6600

Details

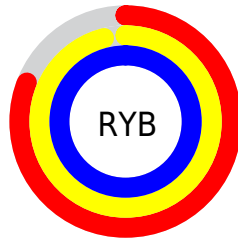
The XYZ color **74.4104, 89.9527, 81.1509** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.5802, 72.2973, 93.7646**, and the grayscale version is **80.3036, 84.4856, 92.0049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9345, 49.7802, 43.1011** is the 20% darker color. If you saturate the color by 10%, you get **65.5247, 85.6408, 68.5875**, and if you desaturate by 10%, it is **84.7221, 94.9680, 95.2136**.

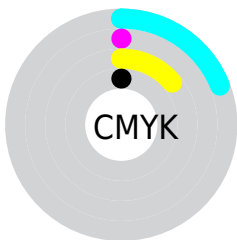
Distribution



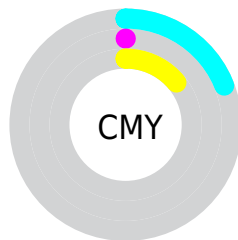
- Red (81%)
- Green (100%)
- Blue (86%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4104, 89.9527, 81.1509 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 74.4104, 89.9527, 81.1509 by changing the saturation by 10% instead.

74.4104, 89.9527,
81.1509

74.4104, 89.9527,
81.1509

464.9171,
527.8770, 518.6117

55.4225, 67.9414,
60.1342

124.4698,
147.2727, 136.8086

39.9752, 49.8501,
43.1008

156.2720,
183.3502, 172.2867

27.7034, 35.2943,
29.6322

193.0763,
224.8852, 213.4222

18.2415, 23.8897,
19.3099

235.2480,
272.2621, 260.6338

11.2242, 15.2518,
11.7154

283.1526,
325.8654, 314.3401

6.2863, 8.9963,
6.4300

337.1554,

3.0622, 4.7388,

386.0794, 374.9594

3.0353

397.6218,
453.2884, 442.9105

■ 1.1868, 2.0948,
1.1127

■ 0.0959, 0.6617,
0.0000

■ 74.4104, 89.9527,
81.1509

■ 74.4104, 89.9527,
81.1509

■ 65.5247, 85.6408,
68.5875

■ 84.7221, 94.9680,
95.2136

■ 57.9987, 81.9993,
57.4696

95.0500, 100.0000,
108.9000

■ 51.7640, 78.9940,
47.7462

■ 46.7454, 76.5871,
39.3619

■ 42.8594, 74.7371,
32.2575

■ 40.0118, 73.3965,
26.3690

■ 38.0917, 72.5096,
21.6272

■ 36.9431, 71.9976,
17.9541

■ 36.8362, 71.9505,
17.5874

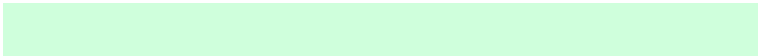
Harmonies

Analogous

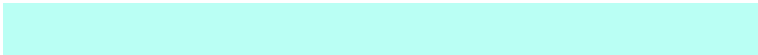
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7509, 89.9527, 69.2384



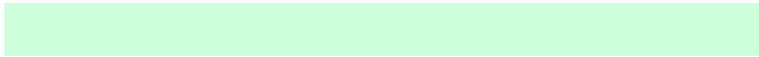
74.4104, 89.9527, 81.1509



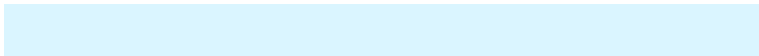
72.9950, 89.9527, 99.1010

Triad

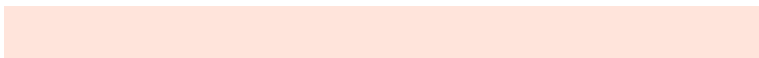
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4104, 89.9527, 81.1509



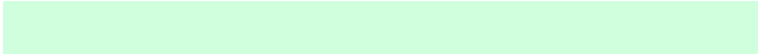
85.9007, 89.9527, 140.6978



97.1949, 89.9527, 79.4014

Complementary

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



74.4104, 89.9527, 81.1509



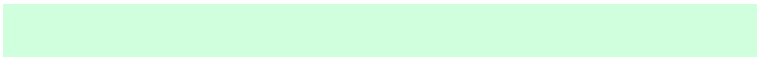
79.5802, 72.2973, 93.7646

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.



99.3514, 89.9527, 96.7944



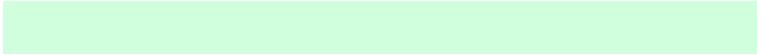
74.4104, 89.9527, 81.1509



92.6185, 89.9527, 133.6527

Square

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



74.4104, 89.9527, 81.1509



79.4131, 89.9527, 135.0767



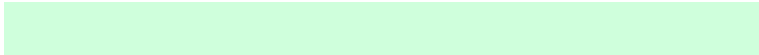
97.6342, 89.9527, 116.9056



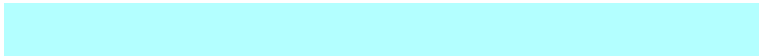
91.8847, 89.9527, 68.3272

Rectangle

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



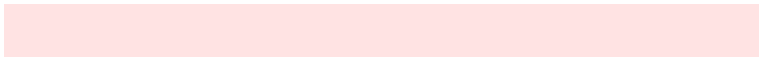
74.4104, 89.9527, 81.1509



73.8368, 89.9527, 112.5997



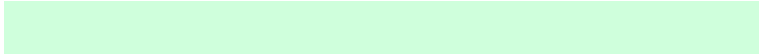
97.6342, 89.9527, 116.9056



98.3251, 89.9527, 84.6171

Sweetspot

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



74.4111, 89.9531, 81.1523



87.8989, 96.5150, 99.4603



83.7095, 94.9378, 72.9455



18.6544, 20.5804, 21.0759



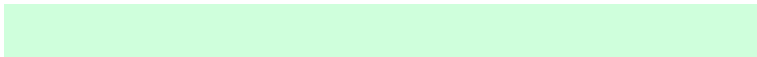
0.0000, 0.0000, 0.0000



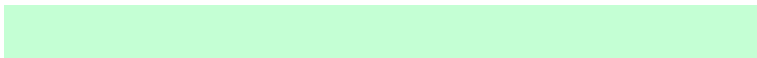
20.3446, 21.4041, 23.3091

Same Dimension

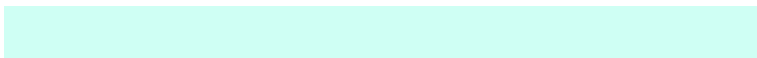
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4111, 89.9531, 81.1523



70.5295, 88.0681, 75.7246



77.7914, 91.3052, 98.9528



17.9736, 20.2490, 20.1641



19.3007, 37.6169, 9.4687



1.9226, 3.6800, 1.1503

Inverse Universe

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



79.5802, 72.2973, 93.7646



76.6559, 67.1367, 90.6687



76.2345, 70.9590, 76.1463



18.5704, 18.2115, 21.6207



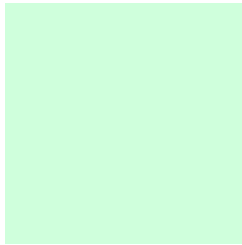
26.2420, 12.9861, 25.7224



2.6009, 1.2827, 2.7455

Previews

White Background



This preview shows how the XYZ color 74.4104, 89.9527, 81.1509 looks on a white background.

Color Contrast Check

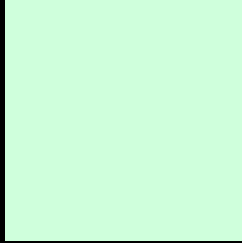
Large Text (above 18pt) WCAG AA × Fail

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 74.4104, 89.9527, 81.1509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

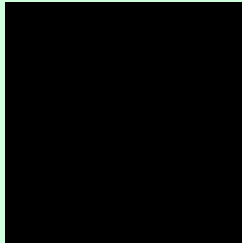
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

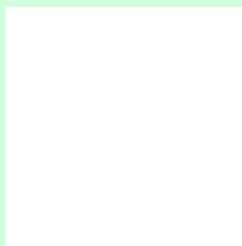
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4104, 89.9527, 81.1509

Background



This preview shows how black text looks on a background with the XYZ color 74.4104, 89.9527, 81.1509.



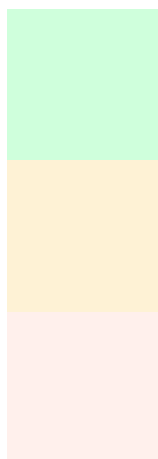
This preview shows how white text looks on a background with the XYZ color 74.4104, 89.9527,

81.1509.

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

74.4104, 89.9527, 81.1509

Protanopia

84.6354, 89.3792, 75.7419

Deuteranopia

87.5404, 89.6363, 92.0445



Tritanopia

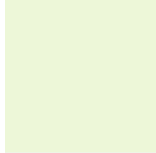
83.6574, 89.5137, 107.4764

Trichromacy



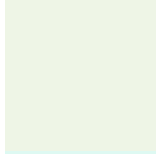
Original Color

74.4104, 89.9527, 81.1509



Protanomaly

80.5805, 89.4839, 77.9908



Deuteranomaly

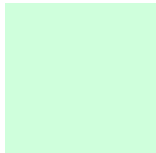
82.1952, 89.1951, 87.7471



Tritanomaly

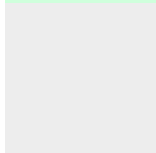
80.0269, 89.6918, 97.0988

Monochromacy



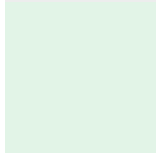
Original Color

74.4104, 89.9527, 81.1509



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1385, 86.6396, 88.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4104, 89.9527, 81.1509 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.4104, 89.9527, 81.1509 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, 220) }
```


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

```
.border{ border-color:rgb(207, 255, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4104, 89.9527, 81.1509 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, 220) }
```

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

```
.background{ background-color: rgb(207,  
255, 220) }
```

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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