

Converting Colors

XYZ(79.2830, 100.0000,
105.3046)

Have a look what the booklet for
XYZ(79.2830, 100.0000, 105.3046)
contains.

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Color

**XYZ(74.0016, 89.2409,
103.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFFA</code>
RGB	189, 255, 250
RGB Percent	74%, 100%, 98%
CMY	0.2588, 0.0000, 0.0196
CMYK	0.26, 0.00, 0.02, 0.00
HSL	175°, 100%, 87%
HSV	175°, 26%, 100%
XYZ	74.0016, 89.2409, 103.7674
YIQ	234.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

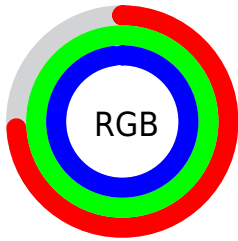
Format	Color
RYB	189, 223, 255
Decimal	12451834
CIELab	95.68, -21.41, -4.26
CIELCh	96, 21.826, 191.266
Yxy	89.2409, 0.2771, 0.3342
Android (android.graphics.Color)	4290641914 (0xFFBDFFFA)
YUV	234.6960, 7.5449, -40.0754
Hunter-Lab	94.4674, -25.4889, 1.0003

Details

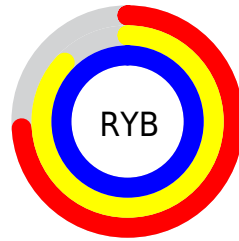
The XYZ color **74.0016, 89.2409, 103.7674** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1760, 61.5517, 59.2744**, and the grayscale version is **78.6995, 82.7980, 90.1670**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **39.7632, 49.3515, 58.4690** is the 20% darker color. If you saturate the color by 10%, you get **67.9217, 86.1414, 101.9115**, and if you desaturate by 10%, it is **81.1987, 92.9160, 105.6948**.

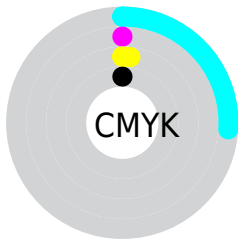
Distribution



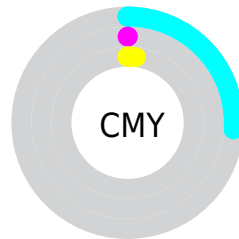
- Red (74%)
- Green (100%)
- Blue (98%)



- Red (74%)
- Yellow (87%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0016, 89.2409, 103.7674 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 74.0016, 89.2409, 103.7674 by changing the saturation by 10% instead.

74.0016, 89.2409,
103.7674

74.0016, 89.2409,
103.7674

463.5291,
525.5584, 593.5545

55.0866, 67.3512,
78.8162

123.8936,
146.2835, 168.4218

39.7052, 49.3701,
58.2243

155.6013,
182.2053, 208.9620

27.4920, 34.9132,
41.5731

192.3039,
223.5731, 255.5357

18.0815, 23.5960,
28.4441

234.3669,
270.7715, 308.5613

11.1086, 15.0342,
18.4187

282.1556,
324.1849, 368.4575

6.2077, 8.8434,
11.0785

336.0353,

3.0137, 4.6392,

384.1975, 435.6427

6.0048

396.3713,
451.1939, 510.5355

■ 1.1610, 2.0371,
2.7792

■ 0.0752, 0.6289,
0.9830

■ 74.0016, 89.2409,
103.7674

■ 74.0016, 89.2409,
103.7674

■ 67.9217, 86.1414,
101.9115

■ 81.1987, 92.9160,
105.6948

■ 62.8977, 83.5859,
100.1196

■ 89.5639, 97.1929,
107.6916

■ 58.8671, 81.5422,
98.3903

95.0500, 100.0000,
108.9000

■ 55.7594, 79.9738,
96.7203

■ 53.4952, 78.8400,
95.1057

■ 51.9813, 78.0926,
93.5422

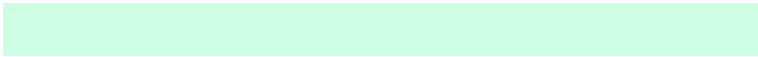
■ 51.1022, 77.6721,
92.0243

■ 50.8550, 77.5580,
91.4091

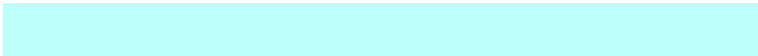
Harmonies

Analogous

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



74.3573, 89.2409, 86.9377



74.0016, 89.2409, 103.7674



76.4410, 89.2409, 120.6309

Triad

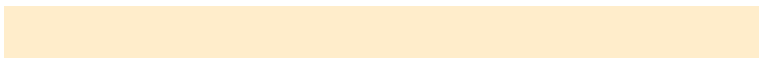
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0016, 89.2409, 103.7674



92.6601, 89.2409, 124.1801



88.5804, 89.2409, 69.1158

Complementary

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



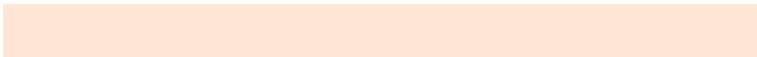
74.0016, 89.2409, 103.7674



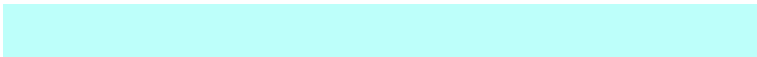
69.1760, 61.5517, 59.2744

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.



93.7917, 89.2409, 76.9639



74.0016, 89.2409, 103.7674



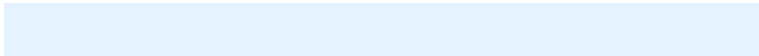
96.2226, 89.2409, 108.1713

Square

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



74.0016, 89.2409, 103.7674



87.0948, 89.2409, 133.3089



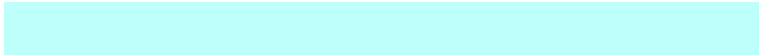
96.6462, 89.2409, 90.8548



82.5867, 89.2409, 68.2320

Rectangle

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



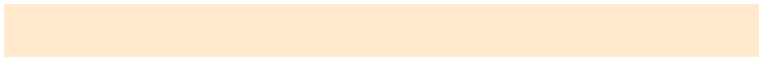
74.0016, 89.2409, 103.7674



79.3944, 89.2409, 129.1162



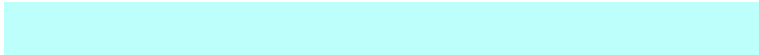
96.6462, 89.2409, 90.8548



90.4890, 89.2409, 70.9795

Sweetspot

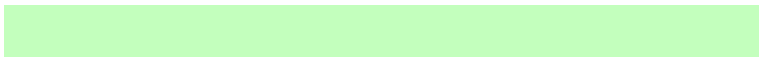
The Sweet Spot groups the original color and five complimentary colors.



74.0027, 89.2415, 103.7689



87.6912, 96.2350, 107.2624



67.3231, 86.7303, 61.3382



18.4920, 20.4563, 22.8938



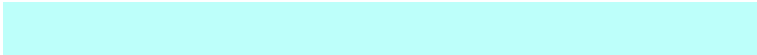
0.0000, 0.0000, 0.0000



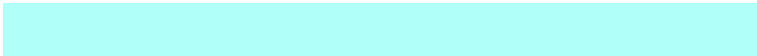
20.3446, 21.4041, 23.3091

Same Dimension

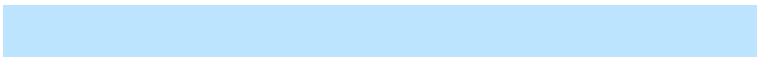
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0027, 89.2415, 103.7689



70.7541, 87.5847, 102.8097



66.6435, 73.2520, 105.2343



18.4920, 20.4563, 22.8938



26.5979, 40.5357, 47.8950



2.6067, 3.9536, 4.7528

Inverse Universe

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



69.1760, 61.5517, 59.2744



65.1925, 55.6658, 51.5303



75.1103, 74.3035, 58.5292



18.0652, 18.0094, 18.9604



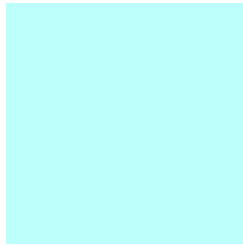
21.6314, 11.1418, 1.4434



2.1246, 1.0922, 0.2375

Previews

White Background



This preview shows how the XYZ color 74.0016, 89.2409, 103.7674 looks on a white background.

Color Contrast Check

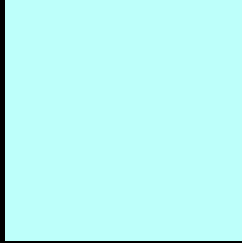
Large Text (above 18pt) WCAG AA × Fail

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 74.0016, 89.2409, 103.7674 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

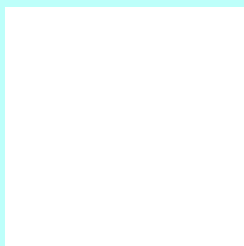
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0016, 89.2409, 103.7674

Background



This preview shows how black text looks on a background with the XYZ color 74.0016, 89.2409, 103.7674.

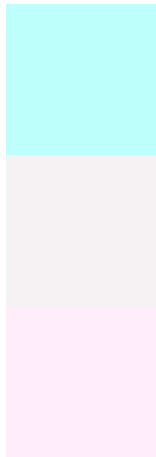


This preview shows how white text looks on a background with the XYZ color 74.0016, 89.2409,

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

74.0016, 89.2409, 103.7674

Protanopia

85.4883, 88.9142, 96.6608

Deuteranopia

88.9368, 88.7934, 103.7182



Tritanopia

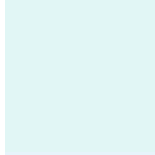
81.4372, 88.8195, 107.4594

Trichromacy



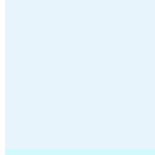
Original Color

74.0016, 89.2409, 103.7674



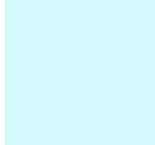
Protanomaly

80.4885, 88.5117, 99.2285



Deuteranomaly

82.7183, 88.6553, 104.0193



Tritanomaly

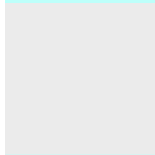
78.4693, 88.6921, 105.9120

Monochromacy



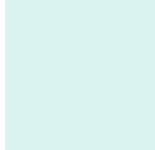
Original Color

74.0016, 89.2409, 103.7674



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.3937, 84.7010, 94.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0016, 89.2409, 103.7674 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(189, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 250)  
}
```

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(189, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 74.0016, 89.2409, 103.7674 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(189, 255, 250) }
```


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

```
.border{ border-color:rgb(189, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0016, 89.2409, 103.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 250) }
```

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

```
.background{ background-color: rgb(189,  
255, 250) }
```

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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