

Converting Colors

XYZ(74.2183, 87.1382,
104.0811)

Have a look what the booklet for
XYZ(74.2183, 87.1382, 104.0811)
contains.

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Color

**XYZ(74.1039, 86.9384,
104.1419)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FAFB
RGB	195, 250, 251
RGB Percent	76%, 98%, 98%
CMY	0.2353, 0.0196, 0.0157
CMYK	0.22, 0.00, 0.00, 0.02
HSL	181°, 88%, 87%
HSV	181°, 22%, 98%
XYZ	74.1039, 86.9384, 104.1419
YIQ	233.6690, -33.1010, -11.3490

Conversions

Conversions Part 2

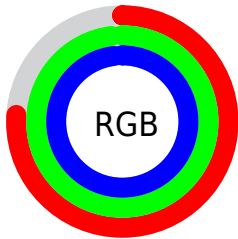
Format	Color
RYB	195, 223, 251
Decimal	12843771
CIELab	94.71, -17.02, -6.17
CIELCh	95, 18.101, 199.932
Yxy	86.9384, 0.2794, 0.3278
Android (android.graphics.Color)	4291033851 (0xFFC3FAFB)
YUV	233.6690, 8.5442, -33.9127
Hunter-Lab	93.2408, -21.3069, -0.9533

Details

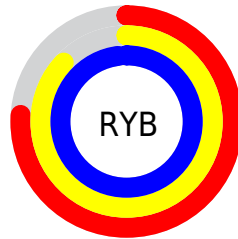
The XYZ color **74.1039, 86.9384, 104.1419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3748, 63.9295, 60.3146**, and the grayscale version is **77.9140, 81.9716, 89.2671**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.7355, 47.6555, 58.7339** is the 20% darker color. If you saturate the color by 10%, you get **68.0179, 83.5973, 103.8192**, and if you desaturate by 10%, it is **81.2854, 90.8492, 104.5197**.

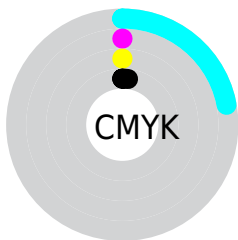
Distribution



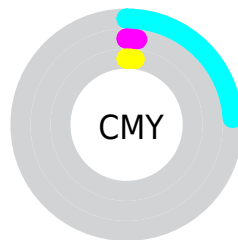
- Red (76%)
- Green (98%)
- Blue (98%)



- Red (76%)
- Yellow (87%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1039, 86.9384, 104.1419 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 74.1039, 86.9384, 104.1419 by changing the saturation by 10% instead.

74.1039, 86.9384,
104.1419

74.1039, 86.9384,
104.1419

463.8767,
518.0204, 594.7516

55.1707, 65.4442,
79.1280

124.0378,
143.0783, 168.9389

39.7728, 47.8214,
58.4791

155.7692,
178.4928, 209.5591

27.5448, 33.6855,
41.7767

192.4973,
219.3162, 256.2184

18.1215, 22.6521,
28.6022

234.5875,
265.9329, 309.3355

11.1375, 14.3368,
18.5371

282.4052,
318.7272, 369.3288

6.2274, 8.3553,
11.1629

336.3157,

3.0258, 4.3231,

378.0837, 436.6169

6.0610

396.6844,
444.3866, 511.6183

■ 1.1674, 1.8559,
2.8128

■ 0.0804, 0.5217,
0.9999

■ 74.1039, 86.9384,
104.1419

■ 74.1039, 86.9384,
104.1419

■ 68.0179, 83.5973,
103.8192

■ 81.2854, 90.8492,
104.5197

■ 62.9653, 80.7872,
103.5431

■ 89.6055, 95.3452,
104.9490

■ 58.8895, 78.4812,
103.3128

■ 93.2580, 97.4354,
105.1599

■ 55.7254, 76.6457,
103.1253

■ 93.3980, 97.7154,
105.2066

53.4000, 75.2430,
102.9771

93.5383, 97.9961,
105.2534

51.8290, 74.2297,
102.8643

93.6790, 98.2774,
105.3002

50.9107, 73.5533,
102.7822

93.8199, 98.5593,
105.3472

50.5313, 73.2020,
102.7344

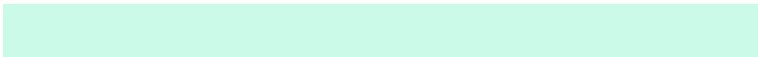
93.9613, 98.8419,
105.3943

94.1029, 99.1252,
105.4415

Harmonies

Analogous

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



73.7154, 86.9384, 90.0311



74.1039, 86.9384, 104.1419



76.7262, 86.9384, 116.8022

Triad

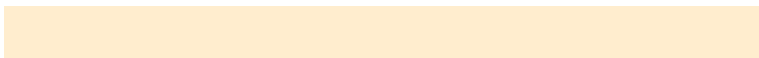
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1039, 86.9384, 104.1419



90.0394, 86.9384, 113.0755



84.2870, 86.9384, 70.5444

Complementary

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



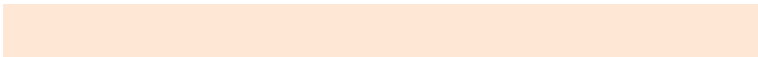
74.1039, 86.9384, 104.1419



69.3748, 63.9295, 60.3146

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.



88.8341, 86.9384, 75.5114



74.1039, 86.9384, 104.1419



92.2409, 86.9384, 99.4473

Square

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



74.1039, 86.9384, 104.1419



85.8796, 86.9384, 122.3021



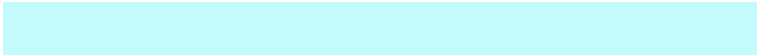
91.7912, 86.9384, 85.7740



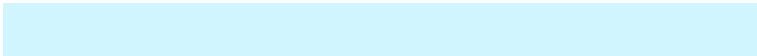
79.4680, 86.9384, 71.5342

Rectangle

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



74.1039, 86.9384, 104.1419



79.4476, 86.9384, 122.2763



91.7912, 86.9384, 85.7740



85.9010, 86.9384, 71.5522

Sweetspot

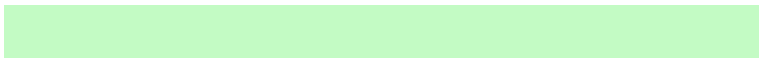
The Sweet Spot groups the original color and five complimentary colors.



74.1064, 86.9419, 104.1439



88.6839, 96.5678, 108.5731



66.9607, 84.5805, 64.9829



18.8705, 20.6092, 23.2333



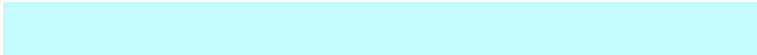
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.1064, 86.9419, 104.1439



73.7065, 88.4185, 107.7895



66.0589, 70.8468, 101.4614



17.7378, 19.5524, 22.2244



26.5732, 38.5020, 54.0046



2.4694, 3.5824, 5.0045

Inverse Universe

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



76.5561, 66.4435, 99.2365



76.6838, 63.5824, 101.8077



76.2733, 77.7265, 62.6141



17.9789, 17.5189, 21.7448



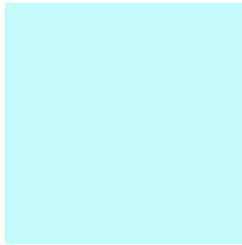
29.7050, 14.2977, 47.2822



2.7553, 1.3259, 4.4010

Previews

White Background



This preview shows how the XYZ color 74.1039, 86.9384, 104.1419 looks on a white background.

Color Contrast Check

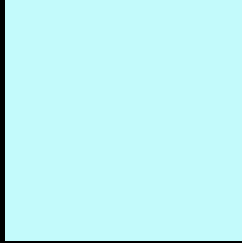
Large Text (above 18pt) WCAG AA × Fail

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 74.1039, 86.9384, 104.1419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

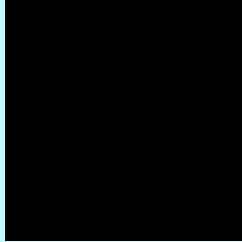
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1039, 86.9384, 104.1419

Background



This preview shows how black text looks on a background with the XYZ color 74.1039, 86.9384, 104.1419.

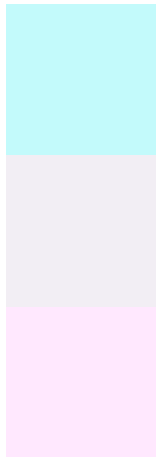


This preview shows how white text looks on a background with the XYZ color 74.1039, 86.9384,

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

74.1039, 86.9384, 104.1419

Protanopia

83.5216, 86.5580, 97.8932

Deuteranopia

87.9860, 86.1290, 105.7531



Tritanopia

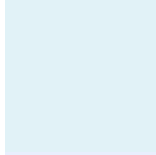
79.3141, 86.8268, 107.1867

Trichromacy



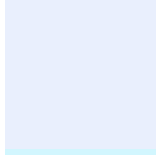
Original Color

74.1039, 86.9384, 104.1419



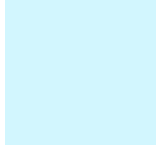
Protanomaly

79.5920, 86.2272, 100.4443



Deuteranomaly

82.2004, 86.1485, 105.2244



Tritanomaly

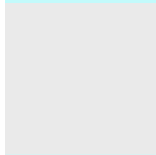
77.4235, 86.7689, 106.4334

Monochromacy



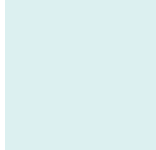
Original Color

74.1039, 86.9384, 104.1419



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.4035, 83.8271, 94.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1039, 86.9384, 104.1419 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(195, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 250, 251)  
}
```

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(195, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 250, 251) }
```

Border

The CSS property to change the border of an element to XYZ 74.1039, 86.9384, 104.1419 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(195, 250, 251) }
```


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

```
.border{ border-color:rgb(195, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 250,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1039, 86.9384, 104.1419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 250, 251) }
```

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

```
.background{ background-color: rgb(195,  
250, 251) }
```

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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