

Converting Colors

XYZ(74.0115, 89.2326,
104.3744)

Have a look what the booklet for
XYZ(74.0115, 89.2326, 104.3744)
contains.

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Color

**XYZ(74.1589, 89.3039,
104.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFFB</code>
RGB	<code>189, 255, 251</code>
RGB Percent	<code>74%, 100%, 98%</code>
CMY	<code>0.2588, 0.0000, 0.0157</code>
CMYK	<code>0.26, 0.00, 0.02, 0.00</code>
HSL	<code>176°, 100%, 87%</code>
HSV	<code>176°, 26%, 100%</code>
XYZ	<code>74.1589, 89.3039, 104.5956</code>
YIQ	<code>234.8100, -38.0520, -15.2360</code>

Conversions

Conversions Part 2

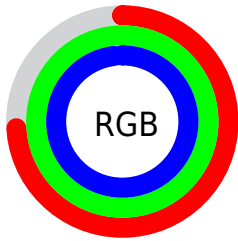
Format	Color
R _Y B	189, 223, 255
Decimal	12451835
CIE Lab	95.71, -21.19, -4.74
CIE LCh	96, 21.716, 192.610
Yxy	89.3039, 0.2767, 0.3332
Android (android.graphics.Color)	4290641915 (0xFFBDFFFB)
YUV	234.8100, 7.9817, -40.1754
Hunter-Lab	94.5007, -25.2995, 0.5270

Details

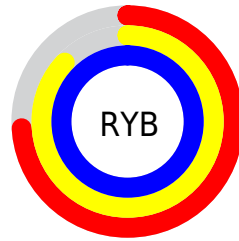
The XYZ color **74.1589, 89.3039, 104.5956** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0641, 61.5068, 58.6848**, and the grayscale version is **78.7830, 82.8859, 90.2627**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **39.8759, 49.3966, 59.0626** is the 20% darker color. If you saturate the color by 10%, you get **68.1378, 86.2279, 103.0491**, and if you desaturate by 10%, it is **81.2961, 92.9549, 106.2076**.

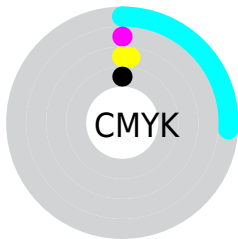
Distribution



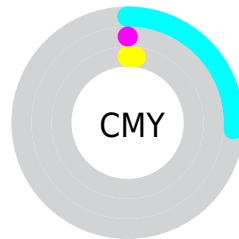
- Red (74%)
- Green (100%)
- Blue (98%)



- 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 74.1589, 89.3039, 104.5956 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 74.1589, 89.3039, 104.5956 by changing the saturation by 10% instead.


 74.1589, 89.3039,
104.5956

 74.1589, 89.3039,
104.5956


464.0634,
525.7639, 596.2003

 55.2158, 67.4034,
79.5058


 124.1153,
146.3711, 169.5651

 39.8091, 49.4126,
58.7880


155.8594,
182.3066, 210.2820

 27.5733, 34.9469,
42.0236

192.6012,
223.6893, 257.0449

 18.1430, 23.6219,
28.7941

234.7061,
270.9036, 310.2726

 11.1530, 15.0534,
18.6809

282.5394,
324.3337, 370.3834

 6.2379, 8.8569,
11.2654

336.4665,

 3.0323, 4.6480,

384.3643, 437.7959

6.1292

396.8527,
451.3795, 512.9287

■ 1.1709, 2.0422,
2.8538

■ 0.0832, 0.6318,
1.0205

■ 74.1589, 89.3039,
104.5956

■ 74.1589, 89.3039,
104.5956

■ 68.1378, 86.2279,
103.0491

■ 81.2961, 92.9549,
106.2076

■ 63.1714, 83.6954,
101.5608

■ 89.6003, 97.2074,
107.8832

■ 59.1973, 81.6742,
100.1294

95.0500, 100.0000,
108.9000

■ 56.1451, 80.1281,
98.7513

■ 53.9352, 79.0160,
97.4230

■ 52.4746, 78.2899,
96.1399

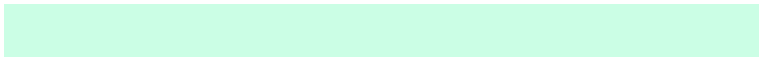
■ 51.6477, 77.8903,
94.8968

■ 51.4216, 77.7847,
94.3931

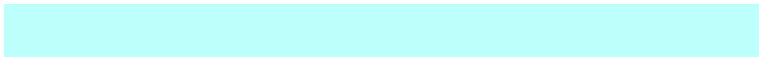
Harmonies

Analogous

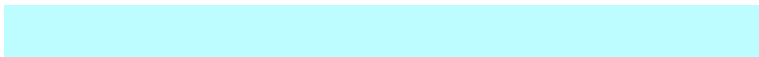
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3857, 89.3039, 87.7337



74.1589, 89.3039, 104.5956



76.7055, 89.3039, 121.2477

Triad

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



74.1589, 89.3039, 104.5956



92.8958, 89.3039, 123.5090



88.3597, 89.3039, 69.1047

Complementary

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



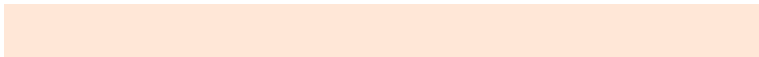
74.1589, 89.3039, 104.5956



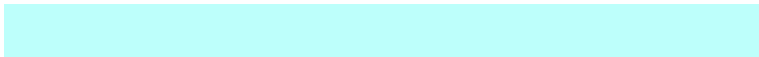
69.0641, 61.5068, 58.6848

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.



93.6170, 89.3039, 76.6255



74.1589, 89.3039, 104.5956



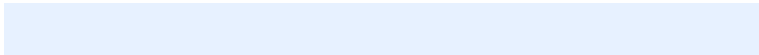
96.3191, 89.3039, 107.4024

Square

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



74.1589, 89.3039, 104.5956



87.4127, 89.3039, 132.9967



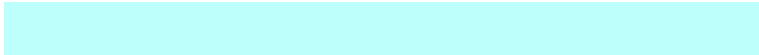
96.5891, 89.3039, 90.2314



82.3980, 89.3039, 68.5408

Rectangle

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



74.1589, 89.3039, 104.5956



79.7060, 89.3039, 129.4626



96.5891, 89.3039, 90.2314



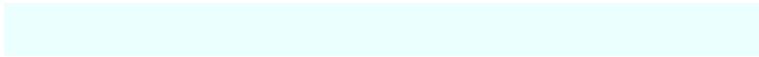
90.2746, 89.3039, 70.8585

Sweetspot

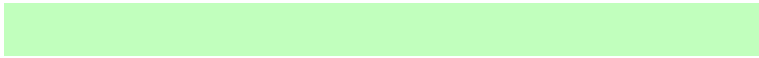
The Sweet Spot groups the original color and five complimentary colors.



74.1599, 89.3044, 104.5971



87.7407, 96.2548, 107.5226



67.0408, 86.5847, 61.3250



18.5045, 20.4613, 22.9599



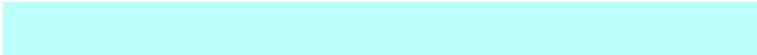
0.0000, 0.0000, 0.0000



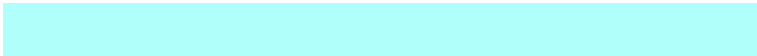
20.3446, 21.4041, 23.3091

Same Dimension

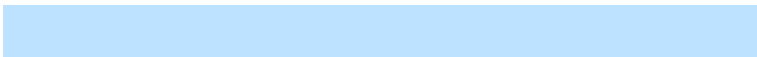
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1599, 89.3044, 104.5971



70.9416, 87.6597, 103.7971



66.3427, 72.6505, 105.1341



18.5045, 20.4613, 22.9599



26.8894, 40.6523, 49.4301



2.6320, 3.9637, 4.8858

Inverse Universe

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



69.0641, 61.5068, 58.6848



65.0693, 55.6166, 50.8813



75.3939, 74.8708, 58.6237



18.0540, 18.0049, 18.9015



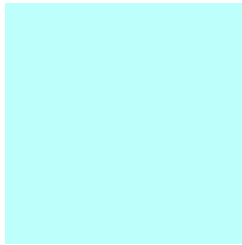
21.6126, 11.1344, 1.3447



2.1193, 1.0901, 0.2096

Previews

White Background



This preview shows how the XYZ color 74.1589, 89.3039, 104.5956 looks on a white background.

Color Contrast Check

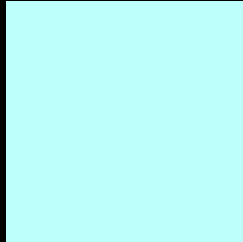
Large Text (above 18pt) WCAG AA × Fail

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 74.1589, 89.3039, 104.5956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

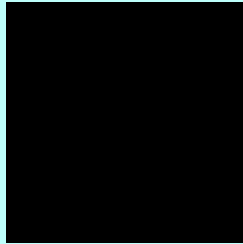
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

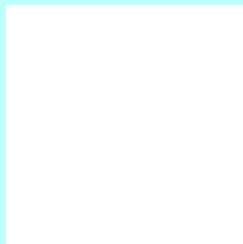
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1589, 89.3039, 104.5956

Background



This preview shows how black text looks on a background with the XYZ color 74.1589, 89.3039, 104.5956.

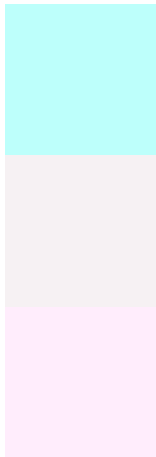


This preview shows how white text looks on a background with the XYZ color 74.1589, 89.3039,

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

74.1589, 89.3039, 104.5956

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

89.0949, 88.8566, 104.5507



Tritanopia

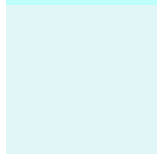
81.4372, 88.8195, 107.4594

Trichromacy



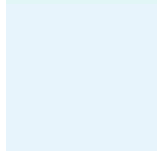
Original Color

74.1589, 89.3039, 104.5956



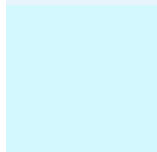
Protanomaly

80.6417, 88.5729, 100.0348



Deuteranomaly

82.8764, 88.7186, 104.8518



Tritanomaly

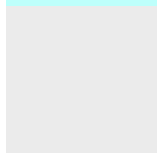
78.6290, 88.7560, 106.7534

Monochromacy



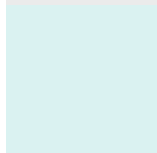
Original Color

74.1589, 89.3039, 104.5956



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.5428, 84.7606, 95.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1589, 89.3039, 104.5956 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 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(189, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 74.1589, 89.3039, 104.5956 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, 251) }
```


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

```
.border{ border-color:rgb(189, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1589, 89.3039, 104.5956 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, 251) }
```

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

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