

Converting Colors

XYZ(79.6303, 100.0000,
108.7991)

Have a look what the booklet for
XYZ(79.6303, 100.0000, 108.7991)
contains.

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Color

**XYZ(74.3884, 89.3671,
107.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFFFE
RGB	188, 255, 254
RGB Percent	74%, 100%, 100%
CMY	0.2627, 0.0000, 0.0039
CMYK	0.26, 0.00, 0.00, 0.00
HSL	179°, 100%, 87%
HSV	179°, 26%, 100%
XYZ	74.3884, 89.3671, 107.0948
YIQ	234.8530, -39.6110, -14.5150

Conversions

Conversions Part 2

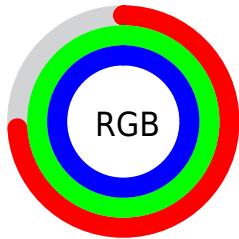
Format	Color
RYB	188, 222, 255
Decimal	12386302
CIELab	95.73, -20.83, -6.25
CIELCh	96, 21.751, 196.713
Yxy	89.3671, 0.2746, 0.3300
Android (android.graphics.Color)	4290576382 (0xFFBCFFFE)
YUV	234.8530, 9.4395, -41.0901
Hunter-Lab	94.5342, -24.9742, -0.9939

Details

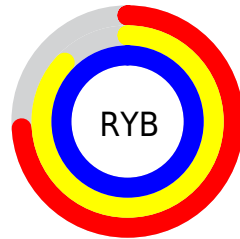
The XYZ color **74.3884, 89.3671, 107.0948** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4093, 60.9019, 56.2946**, and the grayscale version is **78.8058, 82.9098, 90.2888**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **39.9450, 49.4059, 60.2543** is the 20% darker color. If you saturate the color by 10%, you get **68.5916, 86.3857, 106.5076**, and if you desaturate by 10%, it is **81.2973, 92.9217, 107.7376**.

Distribution



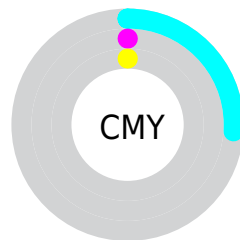
- Red (74%)
- Green (100%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3884, 89.3671, 107.0948 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 74.3884, 89.3671, 107.0948 by changing the saturation by 10% instead.

74.3884, 89.3671,
107.0948

74.3884, 89.3671,
107.0948

464.8424,
525.9699, 604.1475

55.4044, 67.4558,
81.5890

124.4388,
146.4590, 173.0100

39.9607, 49.4552,
60.4930

156.2359,
182.4083, 214.2565

27.6920, 34.9807,
43.3882

193.0347,
223.8059, 261.5869

18.2329, 23.6480,
29.8562

235.2006,
271.0360, 315.4199

11.2180, 15.0727,
19.4783

283.0990,
324.4831, 376.1738

6.2820, 8.8704,
11.8361

337.0952,

3.0596, 4.6568,

384.5315, 444.2674

6.5110

397.5546,
451.5656, 520.1191

■ 1.1854, 2.0473,
3.0844

■ 0.0948, 0.6347,
1.1379

■ 74.3884, 89.3671,
107.0948

■ 74.3884, 89.3671,
107.0948

■ 68.5916, 86.3857,
106.5076

■ 81.2973, 92.9217,
107.7376

■ 63.8452, 83.9459,
105.9688

■ 89.3693, 97.0759,
108.4340

■ 60.0866, 82.0153,
105.4768

95.0500, 100.0000,
108.9000

■ 57.2452, 80.5574,
105.0284

■ 55.2409, 79.5311,
104.6197

■ 53.9799, 78.8880,
104.2465

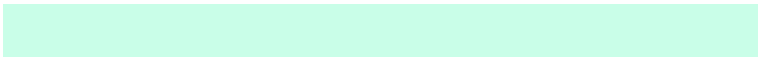
■ 53.3455, 78.5680,
103.9033

■ 53.2042, 78.4977,
103.7800

Harmonies

Analogous

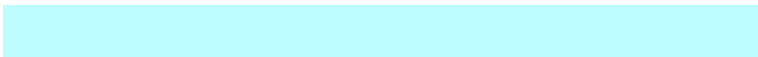
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2255, 89.3671, 89.9253



74.3884, 89.3671, 107.0948



77.2918, 89.3671, 123.3232

Triad

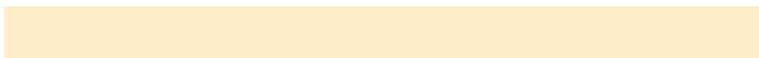
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3884, 89.3671, 107.0948



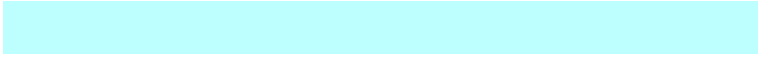
93.5964, 89.3671, 121.6988



87.6133, 89.3671, 68.6244

Complementary

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



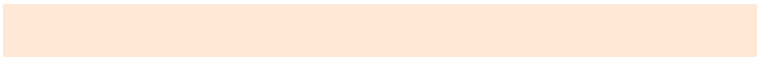
74.3884, 89.3671, 107.0948



68.4093, 60.9019, 56.2946

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.



93.0784, 89.3671, 75.2316



74.3884, 89.3671, 107.0948



96.6405, 89.3671, 105.0790

Square

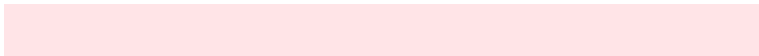
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3884, 89.3671, 107.0948



88.2934, 89.3671, 132.4090



96.4466, 89.3671, 88.1318



81.6740, 89.3671, 69.0292

Rectangle

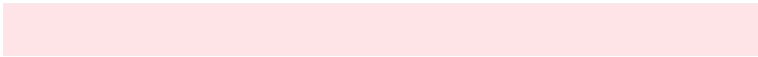
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



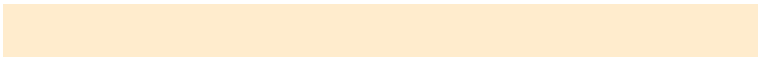
74.3884, 89.3671, 107.0948



80.4718, 89.3671, 130.8278



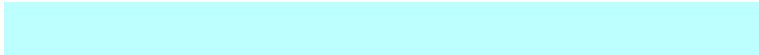
96.4466, 89.3671, 88.1318



89.5722, 89.3671, 70.0626

Sweetspot

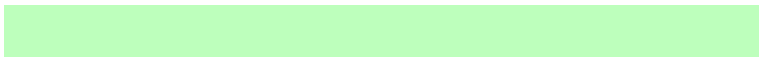
The Sweet Spot groups the original color and five complimentary colors.



74.3895, 89.3676, 107.0963



87.8901, 96.3146, 108.3097



65.8534, 85.9851, 60.7046



18.5425, 20.4765, 23.1598



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

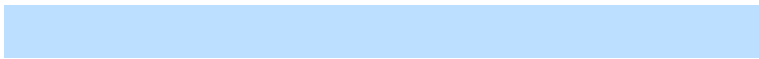
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3895, 89.3676, 107.0963



70.9370, 87.5918, 106.7529



65.0756, 70.4833, 104.7825



18.5425, 20.4765, 23.1598



27.8057, 41.0189, 54.2555



2.7110, 3.9953, 5.3017

Inverse Universe

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



68.4093, 60.9019, 56.2946



63.9606, 54.3809, 47.4854



76.0118, 76.2797, 58.2959



18.0204, 17.9915, 18.7245



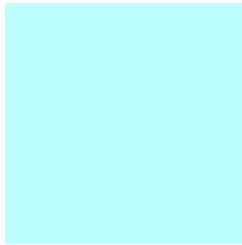
21.5644, 11.1151, 1.0907



2.1033, 1.0837, 0.1256

Previews

White Background



This preview shows how the XYZ color 74.3884, 89.3671, 107.0948 looks on a white background.

Color Contrast Check

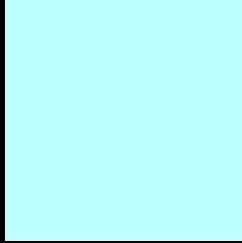
Large Text (above 18pt) WCAG AA × Fail

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 74.3884, 89.3671, 107.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

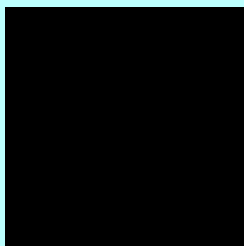
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

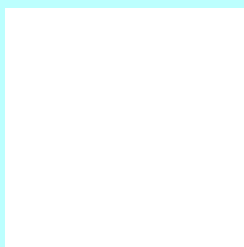
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3884, 89.3671, 107.0948

Background



This preview shows how black text looks on a background with the XYZ color 74.3884, 89.3671, 107.0948.

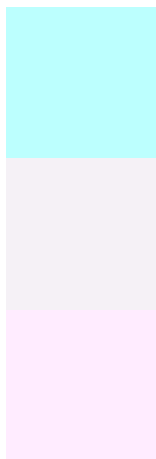


This preview shows how white text looks on a background with the XYZ color 74.3884, 89.3671,

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

74.3884, 89.3671, 107.0948

Protanopia

85.7460, 88.9769, 99.8437

Deuteranopia

89.2855, 88.4709, 106.9785



Tritanopia

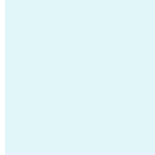
81.4372, 88.8195, 107.4594

Trichromacy



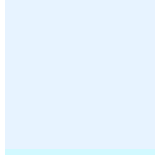
Original Color

74.3884, 89.3671, 107.0948



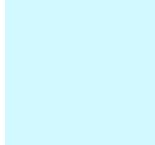
Protanomaly

80.7951, 88.5984, 102.4654



Deuteranomaly

83.0556, 88.3101, 107.2758



Tritanomaly

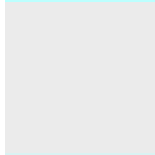
78.5040, 88.6730, 107.5857

Monochromacy



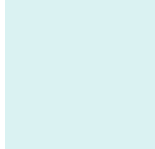
Original Color

74.3884, 89.3671, 107.0948



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6926, 84.8205, 96.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3884, 89.3671, 107.0948 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(188, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 254)  
}
```

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(188, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.3884, 89.3671, 107.0948 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(188, 255, 254) }
```


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

```
.border{ border-color:rgb(188, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3884, 89.3671, 107.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 254) }
```

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

```
.background{ background-color: rgb(188,  
255, 254) }
```

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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