

Converting Colors

XYZ(85.3366, 88.7144,
168.3773)

Have a look what the booklet for
XYZ(85.3366, 88.7144, 168.3773)
contains.

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Color

**XYZ(73.6894, 83.9271,
106.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F4FF
RGB	198, 244, 255
RGB Percent	78%, 96%, 100%
CMY	0.2235, 0.0431, 0.0000
CMYK	0.22, 0.04, 0.00, 0.00
HSL	192°, 100%, 89%
HSV	192°, 22%, 100%
XYZ	73.6894, 83.9271, 106.9235
YIQ	231.5000, -30.9470, -6.3310

Conversions

Conversions Part 2

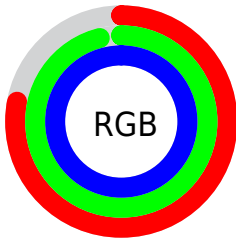
Format	Color
RYB	198, 223, 255
Decimal	13038847
CIELab	93.42, -12.30, -10.14
CIElCh	93, 15.942, 219.497
Yxy	83.9271, 0.2786, 0.3173
Android (android.graphics.Color)	4291228927 (0xFFC6F4FF)
YUV	231.5000, 11.5855, -29.3795
Hunter-Lab	91.6117, -16.7411, -5.0714

Details

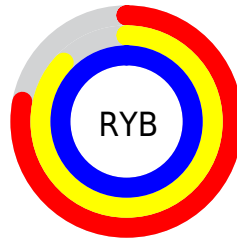
The XYZ color **73.6894, 83.9271, 106.9235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2334, 70.9374, 63.2077**, and the grayscale version is **76.2629, 80.2345, 87.3753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5040, 45.8833, 60.2004** is the 20% darker color. If you saturate the color by 10%, you get **66.0654, 77.8308, 106.1486**, and if you desaturate by 10%, it is **82.4888, 90.6923, 107.7655**.

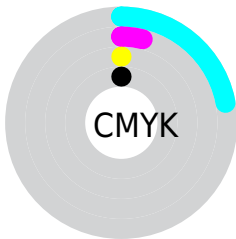
Distribution



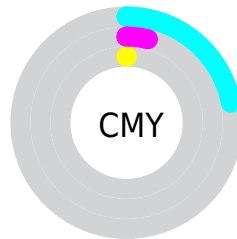
- Red (78%)
- Green (96%)
- Blue (100%)



- Red (78%)
- Yellow (87%)
- Blue (100%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6894, 83.9271, 106.9235 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 73.6894, 83.9271, 106.9235 by changing the saturation by 10% instead.

73.6894, 83.9271,
106.9235

73.6894, 83.9271,
106.9235

462.4676,
508.0711, 603.6045

54.8302, 62.9553,
81.4461

123.4533,
138.8732, 172.7741

39.4991, 45.8050,
60.3759

155.0887,
173.6162, 213.9845

27.3307, 32.0920,
43.2944

191.7136,
213.7184, 261.2762

17.9596, 21.4318,
29.7831

233.6933,
259.5642, 315.0678

11.0205, 13.4400,
19.4233

281.3932,
311.5380, 375.7779

6.1480, 7.7322,
11.7967

335.1787,

2.9768, 3.9241,

370.0242, 443.8251

6.4845

395.4150,
435.4071, 519.6277

■ 1.1415, 1.6312,
3.0684

■ 0.0594, 0.3785,
1.1296

■ 73.6894, 83.9271,
106.9235

■ 73.6894, 83.9271,
106.9235

■ 66.0654, 77.8308,
106.1486

■ 82.4888, 90.6923,
107.7655

■ 59.5534, 72.3637,
105.4365

■ 92.5100, 98.1444,
108.6757

■ 54.0936, 67.4969,
104.7849

■ 95.0500, 100.0000,
108.9000

■ 49.6181, 63.1948,
104.1904

■ 46.0505, 59.4175,
103.6493

■ 43.3030, 56.1193,
103.1575

■ 41.2692, 53.2449,
102.7099

■ 40.0751, 51.2703,
102.3917

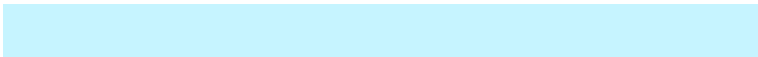
Harmonies

Analogous

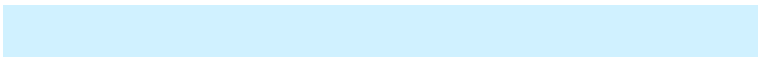
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0548, 83.9271, 95.2582



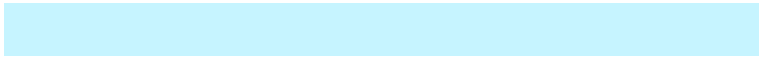
73.6894, 83.9271, 106.9235



76.9702, 83.9271, 114.8447

Triad

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



73.6894, 83.9271, 106.9235



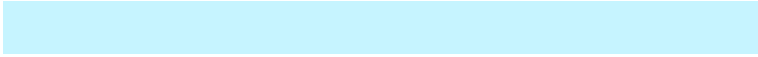
87.5894, 83.9271, 99.7395



78.4430, 83.9271, 70.3843

Complementary

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



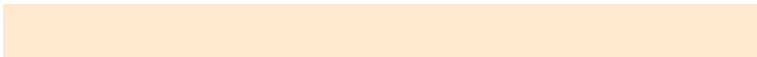
73.6894, 83.9271, 106.9235



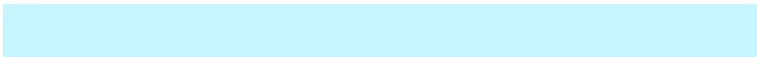
74.2334, 70.9374, 63.2077

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.



82.6373, 83.9271, 71.3551



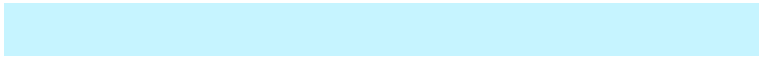
73.6894, 83.9271, 106.9235



88.0176, 83.9271, 87.6131

Square

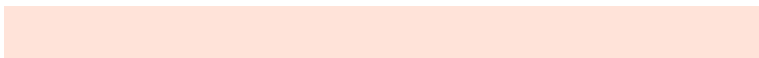
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



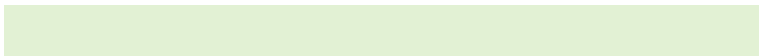
73.6894, 83.9271, 106.9235



85.0266, 83.9271, 110.4506



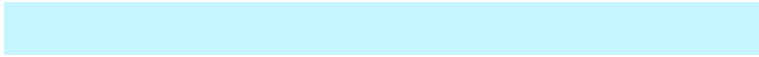
86.1766, 83.9271, 77.4252



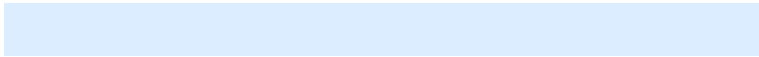
74.7350, 83.9271, 74.6456

Rectangle

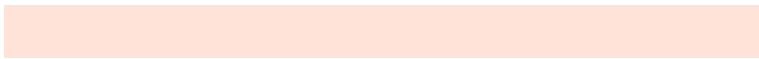
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



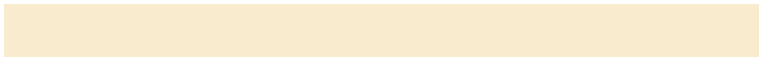
73.6894, 83.9271, 106.9235



79.6991, 83.9271, 116.5613



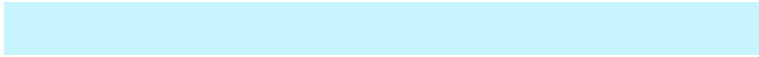
86.1766, 83.9271, 77.4252



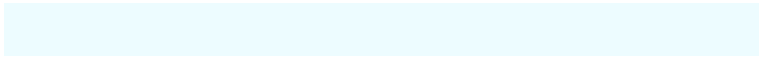
79.8413, 83.9271, 70.1186

Sweetspot

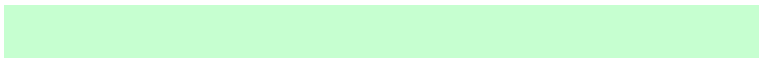
The Sweet Spot groups the original color and five complimentary colors.



73.6916, 83.9304, 106.9240



87.6965, 94.5930, 108.2439



70.4904, 88.1025, 73.2570



18.6411, 20.1505, 23.1569



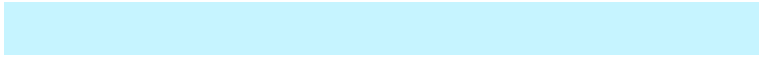
0.0000, 0.0000, 0.0000



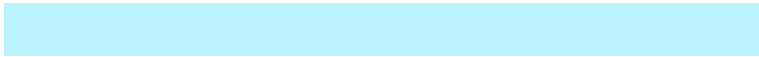
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6916, 83.9304, 106.9240



70.0045, 81.0145, 106.5555



65.9087, 68.3646, 104.3297



18.2396, 19.8508, 23.1202



21.0460, 27.0015, 53.5372



2.1220, 2.7747, 5.2370

Inverse Universe

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



77.7646, 68.1815, 94.6534



74.8152, 62.8349, 91.9678



81.7034, 85.8773, 65.6977



18.6336, 18.2367, 21.9535



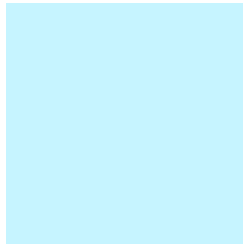
27.4112, 13.4538, 31.8797



2.7057, 1.3246, 3.2976

Previews

White Background



This preview shows how the XYZ color 73.6894, 83.9271, 106.9235 looks on a white background.

Color Contrast Check

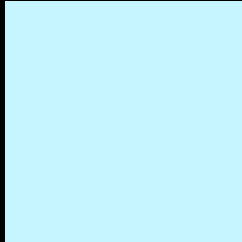
Large Text (above 18pt) WCAG AA × Fail

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 73.6894, 83.9271, 106.9235 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 73.6894, 83.9271, 106.9235

Background



This preview shows how black text looks on a background with the XYZ color 73.6894, 83.9271, 106.9235.

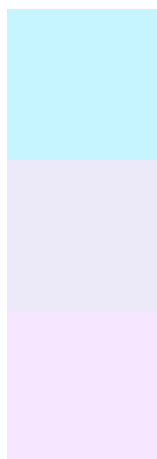


This preview shows how white text looks on a background with the XYZ color 73.6894, 83.9271,

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

73.6894, 83.9271, 106.9235

Protanopia

81.1138, 83.5181, 101.4680

Deuteranopia

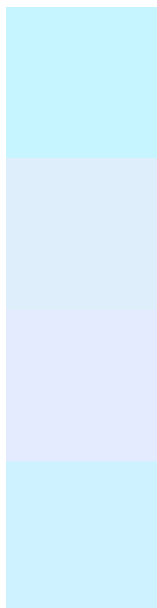
84.3529, 83.4065, 106.2609



Tritanopia

76.3693, 83.9795, 106.7923

Trichromacy



Original Color

73.6894, 83.9271, 106.9235

Protanomaly

78.1113, 83.6437, 103.2947

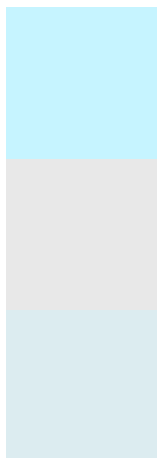
Deuteranomaly

80.0714, 83.2947, 106.4650

Tritanomaly

75.2557, 83.8461, 106.8253

Monochromacy



Original Color

73.6894, 83.9271, 106.9235

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2388, 81.4978, 94.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6894, 83.9271, 106.9235 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(198, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 244, 255)  
}
```

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(198, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6894, 83.9271, 106.9235 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(198, 244, 255) }
```


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

```
.border{ border-color:rgb(198, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 244, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 244, 255); box-shadow:4px 4px 4px 4px rgb(198, 244, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6894, 83.9271, 106.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 244, 255) }
```

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

```
.background{ background-color: rgb(198,  
244, 255) }
```

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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