

Converting Colors

XYZ(98.7820, 94.0443,
237.7280)

Have a look what the booklet for
XYZ(98.7820, 94.0443, 237.7280)
contains.

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Color

**XYZ(73.9539, 84.0635,
106.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F4FF
RGB	199, 244, 255
RGB Percent	78%, 96%, 100%
CMY	0.2196, 0.0431, 0.0000
CMYK	0.22, 0.04, 0.00, 0.00
HSL	192°, 100%, 89%
HSV	192°, 22%, 100%
XYZ	73.9539, 84.0635, 106.9358
YIQ	231.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

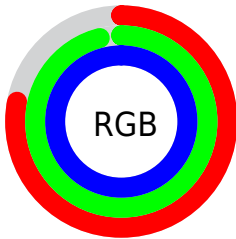
Format	Color
RYB	199, 224, 255
Decimal	13104383
CIELab	93.48, -12.01, -10.05
CIElCh	93, 15.656, 219.913
Yxy	84.0635, 0.2791, 0.3173
Android (android.graphics.Color)	4291294463 (0xFFC7F4FF)
YUV	231.7990, 11.4381, -28.7647
Hunter-Lab	91.6861, -16.4729, -4.9711

Details

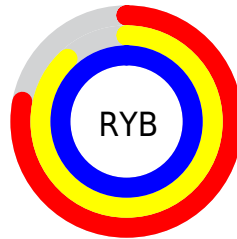
The XYZ color **73.9539, 84.0635, 106.9358** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5953, 71.4759, 63.8993**, and the grayscale version is **76.4868, 80.4701, 87.6319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6779, 45.9729, 60.2085** is the 20% darker color. If you saturate the color by 10%, you get **66.2609, 77.8935, 106.1504**, and if you desaturate by 10%, it is **82.8259, 90.9065, 107.7891**.

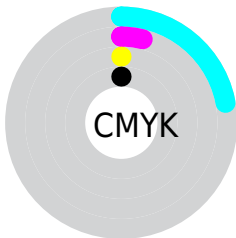
Distribution



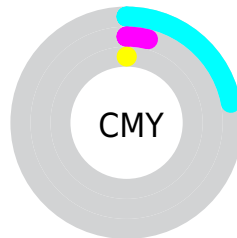
- Red (78%)
- Green (96%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- 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 73.9539, 84.0635, 106.9358 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 73.9539, 84.0635, 106.9358 by changing the saturation by 10% instead.

73.9539, 84.0635,
106.9358

73.9539, 84.0635,
106.9358

463.3670,
508.5241, 603.6435

55.0475, 63.0679,
81.4564

123.8263,
139.0640, 172.7911

39.6737, 45.8961,
60.3843

155.5230,
173.8377, 214.0040

27.4673, 32.1638,
43.3012

192.2138,
213.9728, 261.2985

18.0629, 21.4867,
29.7883

234.2640,
259.8537, 315.0931

11.0951, 13.4802,
19.4273

282.0392,
311.8650, 375.8064

6.1986, 7.7600,
11.7995

335.9044,

3.0080, 3.9418,

370.3908, 443.8568

6.4864

396.2253,
435.8157, 519.6630

■ 1.1580, 1.6411,
3.0695

■ 0.0728, 0.3850,
1.1302

■ 73.9539, 84.0635,
106.9358

■ 73.9539, 84.0635,
106.9358

■ 66.2609, 77.8935,
106.1504

■ 82.8259, 90.9065,
107.7891

■ 59.6835, 72.3566,
105.4283

■ 92.9232, 98.4401,
108.7110

■ 54.1623, 67.4241,
104.7672

■ 95.0500, 100.0000,
108.9000

■ 49.6295, 63.0605,
104.1639

■ 46.0093, 59.2261,
103.6146

■ 43.2141, 55.8753,
103.1151

■ 41.1385, 52.9534,
102.6605

■ 39.8646, 50.8493,
102.3215

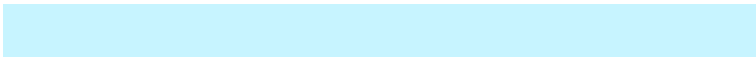
Harmonies

Analogous

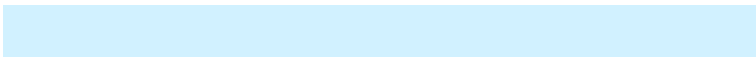
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3192, 84.0635, 95.5080



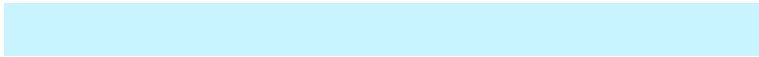
73.9539, 84.0635, 106.9358



77.1995, 84.0635, 114.6308

Triad

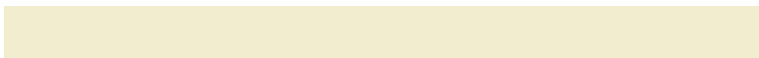
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9539, 84.0635, 106.9358



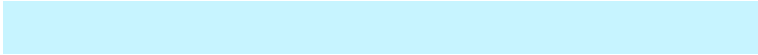
87.6039, 84.0635, 99.5781



78.5386, 84.0635, 70.8783

Complementary

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



73.9539, 84.0635, 106.9358



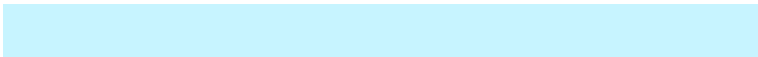
74.5953, 71.4759, 63.8993

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.



82.6624, 84.0635, 71.7635



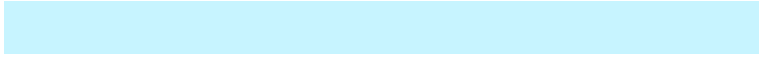
73.9539, 84.0635, 106.9358



87.9926, 84.0635, 87.6657

Square

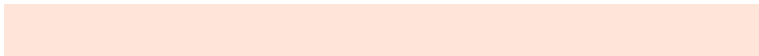
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



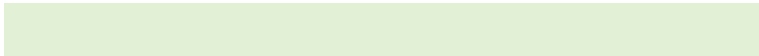
73.9539, 84.0635, 106.9358



85.1118, 84.0635, 110.1353



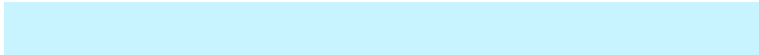
86.1562, 84.0635, 77.6813



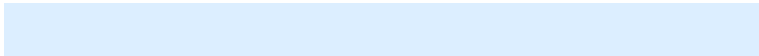
74.9051, 84.0635, 75.1492

Rectangle

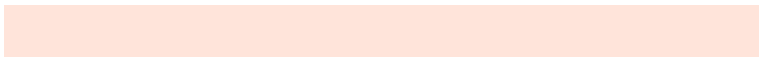
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



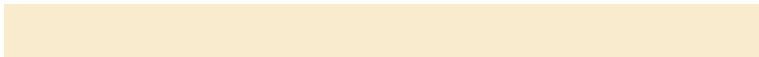
73.9539, 84.0635, 106.9358



79.8877, 84.0635, 116.2480



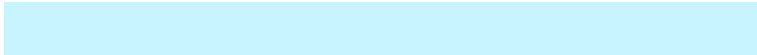
86.1562, 84.0635, 77.6813



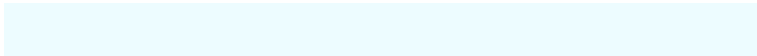
79.9119, 84.0635, 70.5920

Sweetspot

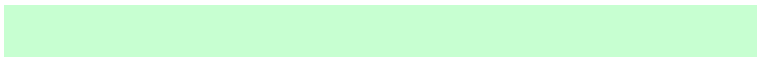
The Sweet Spot groups the original color and five complimentary colors.



73.9561, 84.0668, 106.9364



87.6772, 94.5545, 108.2375



70.8560, 88.2793, 73.8015



18.6367, 20.1415, 23.1554



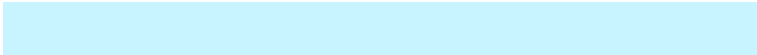
0.0000, 0.0000, 0.0000



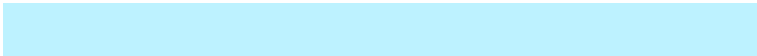
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9561, 84.0668, 106.9364



70.7086, 81.4940, 106.6109



66.3487, 68.8519, 104.4005



18.2340, 19.8396, 23.1183



20.9373, 26.7841, 53.5009



2.1123, 2.7554, 5.2338

Inverse Universe

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



77.9940, 68.6402, 94.7300



75.3974, 63.9360, 92.3571



81.9109, 86.1071, 66.3378



18.6308, 18.2356, 21.9387



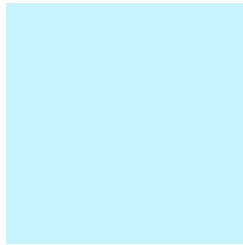
27.3564, 13.4318, 31.5908



2.7008, 1.3227, 3.2719

Previews

White Background



This preview shows how the XYZ color 73.9539, 84.0635, 106.9358 looks on a white background.

Color Contrast Check

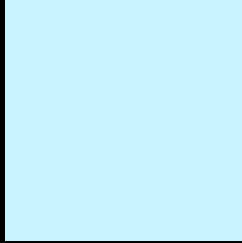
Large Text (above 18pt) WCAG AA × Fail

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 73.9539, 84.0635, 106.9358 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 73.9539, 84.0635, 106.9358

Background



This preview shows how black text looks on a background with the XYZ color 73.9539, 84.0635, 106.9358.

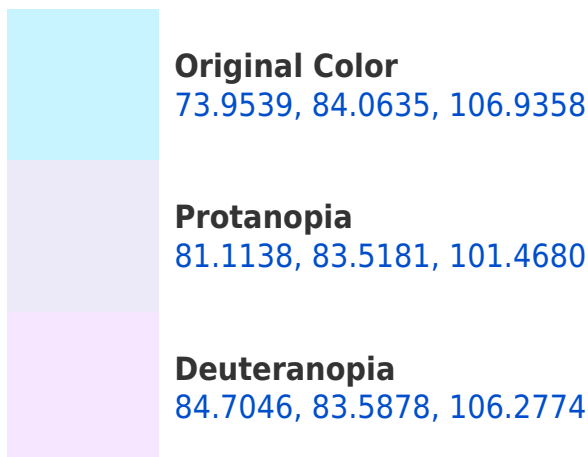


This preview shows how white text looks on a background with the XYZ color 73.9539, 84.0635,

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





Tritanopia

76.3693, 83.9795, 106.7923

Trichromacy



Original Color

73.9539, 84.0635, 106.9358

Protanomaly

78.4185, 83.8021, 103.3091

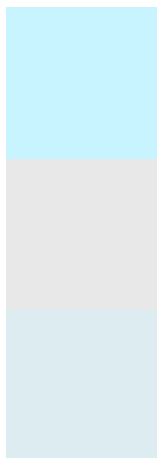
Deuteranomaly

80.3915, 83.4597, 106.4800

Tritanomaly

75.5343, 83.9897, 106.8383

Monochromacy



Original Color

73.9539, 84.0635, 106.9358

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 73.9539, 84.0635, 106.9358 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(199, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9539, 84.0635, 106.9358 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(199, 244, 255) }
```


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

```
.border{ border-color:rgb(199, 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(199, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9539, 84.0635, 106.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 244, 255) }
```

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

```
.background{ background-color: rgb(199,  
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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