

Converting Colors

XYZ(76.7719, 89.3036,
118.0884)

Have a look what the booklet for
XYZ(76.7719, 89.3036, 118.0884)
contains.

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Color

**XYZ(74.9135, 88.6770,
107.7758)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FDFF
RGB	192, 253, 255
RGB Percent	75%, 99%, 100%
CMY	0.2470, 0.0078, 0.0000
CMYK	0.25, 0.01, 0.00, 0.00
HSL	182°, 100%, 88%
HSV	182°, 25%, 100%
XYZ	74.9135, 88.6770, 107.7758
YIQ	234.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

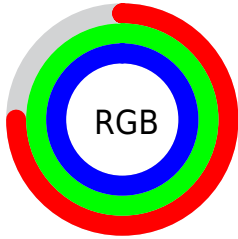
Format	Color
R_{YB}	192, 223, 255
Decimal	12647935
CIE _{Lab}	95.45, -18.51, -7.17
CIE _{LCh}	95, 19.849, 201.184
Yxy	88.6770, 0.2761, 0.3268
Android (android.graphics.Color)	4290838015 (0xFFC0FDFF)
YUV	234.9890, 9.8654, -37.7014
Hunter-Lab	94.1685, -22.7934, -1.9395

Details

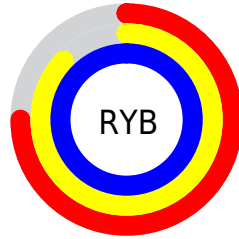
The XYZ color **74.9135, 88.6770, 107.7758** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0462, 63.6487, 58.4645**, and the grayscale version is **78.9067, 83.0160, 90.4044**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **40.2495, 48.8754, 60.7386** is the 20% darker color. If you saturate the color by 10%, you get **68.7539, 85.1262, 107.4150**, and if you desaturate by 10%, it is **82.1974, 92.8136, 108.1903**.

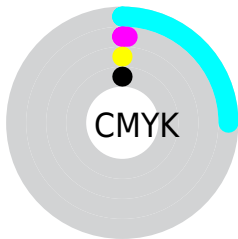
Distribution



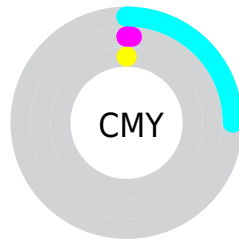
- Red (75%)
- Green (99%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9135, 88.6770, 107.7758 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 74.9135, 88.6770, 107.7758 by changing the saturation by 10% instead.


 74.9135, 88.6770,
107.7758

 74.9135, 88.6770,
107.7758


466.6220,
523.7177, 606.3035

 55.8360, 66.8839,
82.1571


 125.1785,
145.4993, 173.9473

 40.3079, 48.9903,
60.9585


157.0966,
181.2973, 215.3373

 27.9640, 34.6118,
43.7613


194.0257,
222.5324, 262.8214

 18.4388, 23.3640,
30.1471

236.3310,
269.5889, 316.8182

 11.3671, 14.8625,
19.6973

284.3779,
322.8513, 377.7463

 6.3834, 8.7229,
11.9933

338.5318,

 3.1225, 4.5609,

382.7040, 446.0242

6.6166

399.1580,
449.5313, 522.0704

■ 1.2188, 1.9920,
3.1487

■ 0.1212, 0.6028,
1.1711

■ 74.9135, 88.6770,
107.7758

■ 74.9135, 88.6770,
107.7758

■ 68.7539, 85.1262,
107.4150

■ 82.1974, 92.8136,
108.1903

■ 63.6540, 82.1210,
107.1038

■ 90.6521, 97.5530,
108.6595

■ 59.5533, 79.6325,
106.8396

95.0500, 100.0000,
108.9000

■ 56.3823, 77.6249,
106.6192

■ 54.0626, 76.0578,
106.4390

■ 52.5032, 74.8841,
106.2946

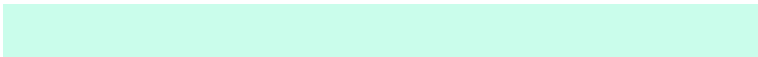
■ 51.5919, 74.0462,
106.1809

■ 51.2875, 73.6950,
106.1292

Harmonies

Analogous

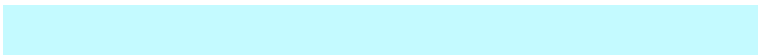
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3762, 88.6770, 92.0407



74.9135, 88.6770, 107.7758



77.9041, 88.6770, 121.7953

Triad

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



74.9135, 88.6770, 107.7758



92.6904, 88.6770, 116.5503



85.8962, 88.6770, 69.9013

Complementary

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



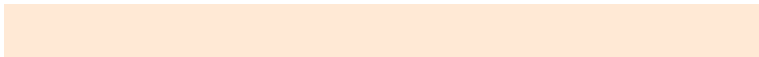
74.9135, 88.6770, 107.7758



70.0462, 63.6487, 58.4645

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.



91.0048, 88.6770, 75.0661



74.9135, 88.6770, 107.7758



95.0366, 88.6770, 101.2128

Square

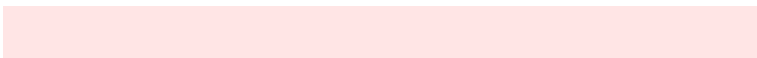
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9135, 88.6770, 107.7758



88.1171, 88.6770, 127.2276



94.4068, 88.6770, 86.1398



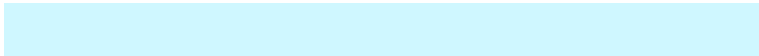
80.5654, 88.6770, 71.2553

Rectangle

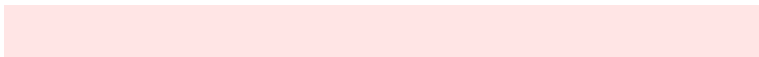
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9135, 88.6770, 107.7758



80.9599, 88.6770, 127.7368



94.4068, 88.6770, 86.1398



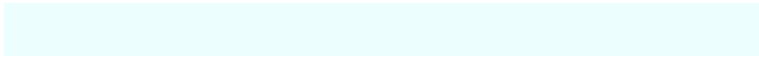
87.6996, 88.6770, 70.9103

Sweetspot

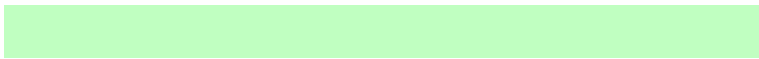
The Sweet Spot groups the original color and five complimentary colors.



74.9158, 88.6805, 107.7763



88.6051, 96.4102, 108.5468



67.1306, 86.5795, 63.6564



18.8522, 20.5726, 23.2272



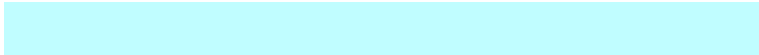
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

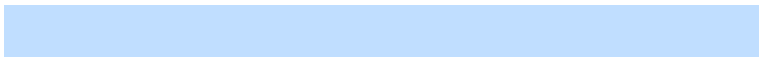
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9158, 88.6805, 107.7763



71.5170, 86.7281, 107.5786



66.0304, 70.9096, 104.8145



18.5026, 20.3769, 23.2079



26.8209, 38.5513, 55.4621



2.6263, 3.7834, 5.4051

Inverse Universe

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



77.8207, 66.0528, 101.5804



74.9224, 60.3651, 100.2785



77.5589, 78.6741, 60.9688



18.7664, 18.2899, 22.6528



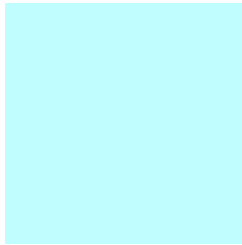
30.3261, 14.6197, 47.2293



2.9603, 1.4265, 4.6381

Previews

White Background



This preview shows how the XYZ color 74.9135, 88.6770, 107.7758 looks on a white background.

Color Contrast Check

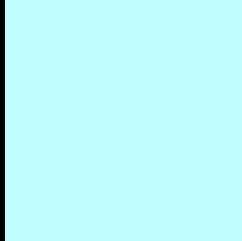
Large Text (above 18pt) WCAG AA × Fail

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 74.9135, 88.6770, 107.7758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

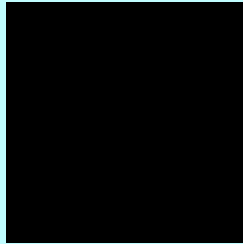
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9135, 88.6770, 107.7758

Background



This preview shows how black text looks on a background with the XYZ color 74.9135, 88.6770, 107.7758.

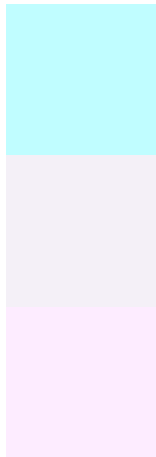


This preview shows how white text looks on a background with the XYZ color 74.9135, 88.6770,

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

74.9135, 88.6770, 107.7758

Protanopia

85.2568, 88.2687, 100.5397

Deuteranopia

88.5535, 88.0936, 106.9442



Tritanopia

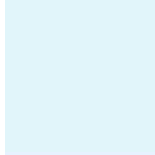
80.8266, 88.0544, 107.3439

Trichromacy



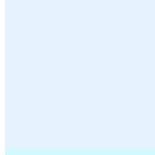
Original Color

74.9135, 88.6770, 107.7758



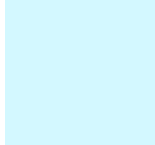
Protanomaly

80.9591, 88.2145, 103.2026



Deuteranomaly

82.7571, 87.7132, 107.1763



Tritanomaly

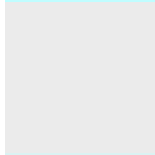
78.4814, 88.2037, 107.4963

Monochromacy



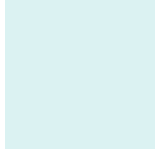
Original Color

74.9135, 88.6770, 107.7758



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.9926, 84.9751, 96.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9135, 88.6770, 107.7758 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(192, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 253, 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(192, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9135, 88.6770, 107.7758 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(192, 253, 255) }
```


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

```
.border{ border-color:rgb(192, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9135, 88.6770, 107.7758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 253, 255) }
```

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

```
.background{ background-color: rgb(192,  
253, 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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