

Converting Colors

XYZ(73.9190, 86.0072,
107.3128)

Have a look what the booklet for
XYZ(73.9190, 86.0072, 107.3128)
contains.

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Color

**XYZ(73.8655, 85.8241,
107.2803)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F8FF
RGB	194, 248, 255
RGB Percent	76%, 97%, 100%
CMY	0.2392, 0.0274, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 24%, 100%
XYZ	73.8655, 85.8241, 107.2803
YIQ	232.6520, -34.4310, -9.2710

Conversions

Conversions Part 2

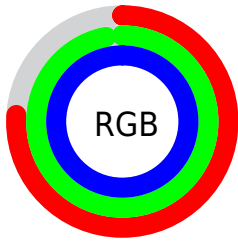
Format	Color
RYB	194, 223, 255
Decimal	12777727
CIELab	94.24, -15.46, -8.95
CIElCh	94, 17.867, 210.061
Yxy	85.8241, 0.2767, 0.3215
Android (android.graphics.Color)	4290967807 (0xFFC2F8FF)
YUV	232.6520, 11.0176, -33.8978
Hunter-Lab	92.6413, -19.7992, -3.8100

Details

The XYZ color **73.8655, 85.8241, 107.2803** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8641, 66.9276, 60.1713**, and the grayscale version is **77.1308, 81.1476, 88.3697**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.6901, 47.2655, 60.4573** is the 20% darker color. If you saturate the color by 10%, you get **66.9825, 80.9536, 106.7030**, and if you desaturate by 10%, it is **81.8900, 91.3083, 107.9159**.

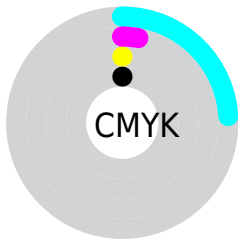
Distribution



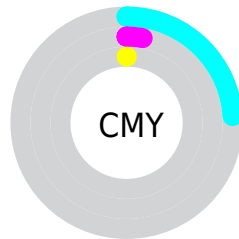
- Red (76%)
- Green (97%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8655, 85.8241, 107.2803 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 73.8655, 85.8241, 107.2803 by changing the saturation by 10% instead.

73.8655, 85.8241,
107.2803

73.8655, 85.8241,
107.2803

463.0665,
514.3510, 604.7352

54.9749, 64.5225,
81.7437

123.7017,
141.5240, 173.2654

39.6154, 47.0740,
60.6197

155.3779,
176.6911, 214.5510

27.4216, 33.0942,
43.4898

192.0466,
217.2489, 261.9233

18.0284, 22.1986,
29.9354

234.0734,
263.5817, 315.8009

11.0702, 14.0029,
19.5379

281.8233,
316.0739, 376.6024

6.1817, 8.1227,
11.8789

335.6620,

2.9976, 4.1736,

375.1099, 444.7462

6.5397

395.9546,
441.0742, 520.6510

■ 1.1525, 1.7711,
3.1019

■ 0.0683, 0.4691,
1.1469

■ 73.8655, 85.8241,
107.2803

■ 73.8655, 85.8241,
107.2803

■ 66.9825, 80.9536,
106.7030

■ 81.8900, 91.3083,
107.9159

■ 61.1768, 76.6571,
106.1797

■ 91.1026, 97.4237,
108.6108

■ 56.3883, 72.9056,
105.7080

95.0500, 100.0000,
108.9000

■ 52.5479, 69.6635,
105.2846

■ 49.5783, 66.8907,
104.9059

■ 47.3892, 64.5407,
104.5677

■ 45.8707, 62.5567,
104.2648

■ 45.1801, 61.4803,
104.0934

Harmonies

Analogous

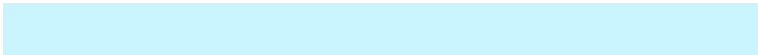
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7131, 85.8241, 93.4760



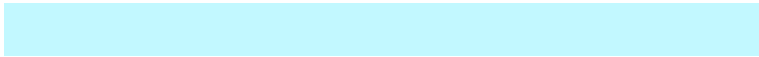
73.8655, 85.8241, 107.2803



77.0665, 85.8241, 118.1954

Triad

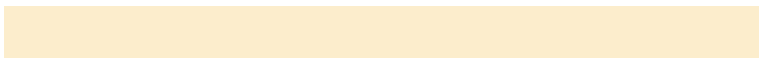
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8655, 85.8241, 107.2803



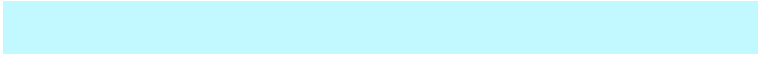
89.8098, 85.8241, 107.2268



81.5634, 85.8241, 69.4942

Complementary

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



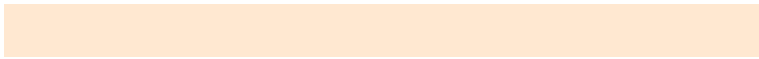
73.8655, 85.8241, 107.2803



71.8641, 66.9276, 60.1713

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.



86.2524, 85.8241, 72.4209



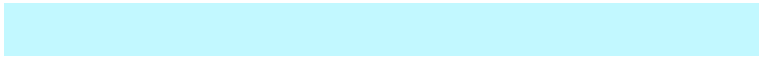
73.8655, 85.8241, 107.2803



91.1254, 85.8241, 93.4197

Square

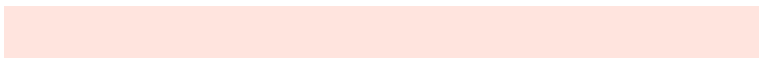
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8655, 85.8241, 107.2803



86.2700, 85.8241, 118.1625



89.7993, 85.8241, 80.8587



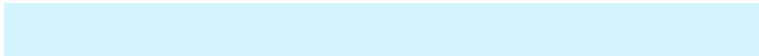
77.0501, 85.8241, 72.4446

Rectangle

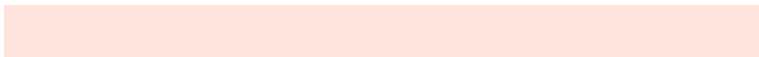
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



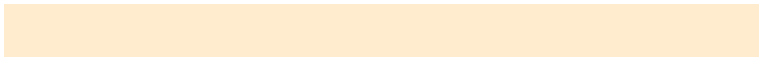
73.8655, 85.8241, 107.2803



79.9953, 85.8241, 121.8834



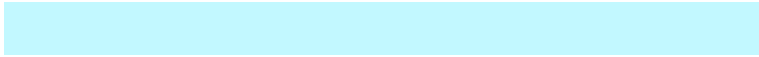
89.7993, 85.8241, 80.8587



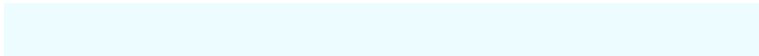
83.1718, 85.8241, 69.8193

Sweetspot

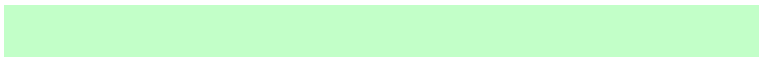
The Sweet Spot groups the original color and five complimentary colors.



73.8678, 85.8275, 107.2809



88.1356, 95.4712, 108.3903



68.4462, 87.1647, 67.9235



18.7431, 20.3544, 23.1909



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.



73.8678, 85.8275, 107.2809



70.2317, 83.2777, 106.9803



65.4746, 69.0412, 104.4831



18.3665, 20.1047, 23.1625



23.6786, 32.2667, 54.4147



2.3539, 3.2384, 5.3143

Inverse Universe

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



77.4765, 66.6225, 97.5868



74.4884, 61.0138, 95.4582



79.4423, 82.0840, 62.6974



18.6977, 18.2624, 22.2910



28.7401, 13.9853, 38.8771



2.8227, 1.3715, 3.9139

Previews

White Background



This preview shows how the XYZ color 73.8655, 85.8241, 107.2803 looks on a white background.

Color Contrast Check

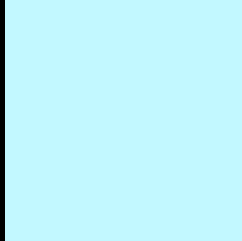
Large Text (above 18pt) WCAG AA × Fail

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 73.8655, 85.8241, 107.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

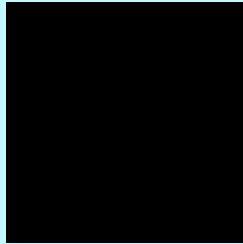
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8655, 85.8241, 107.2803

Background



This preview shows how black text looks on a background with the XYZ color 73.8655, 85.8241, 107.2803.

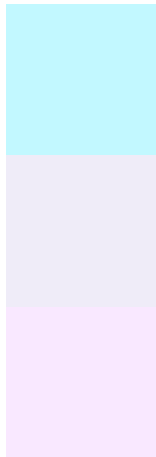


This preview shows how white text looks on a background with the XYZ color 73.8655, 85.8241,

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

73.8655, 85.8241, 107.2803

Protanopia

82.5353, 85.1189, 100.8865

Deuteranopia

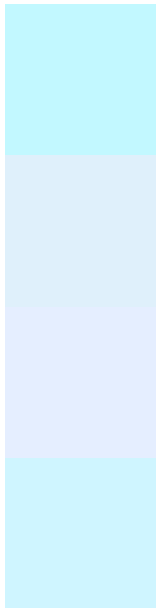
85.9735, 85.0730, 106.4972



Tritanopia

77.8321, 85.6173, 107.0313

Trichromacy



Original Color

73.8655, 85.8241, 107.2803

Protanomaly

79.0041, 84.9732, 103.5043

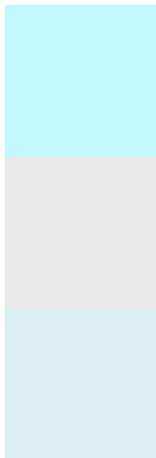
Deuteranomaly

80.9376, 85.0271, 106.7537

Tritanomaly

76.4345, 85.7902, 107.1384

Monochromacy



Original Color

73.8655, 85.8241, 107.2803

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.6651, 82.5600, 95.1668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8655, 85.8241, 107.2803 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(194, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 248, 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(194, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8655, 85.8241, 107.2803 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(194, 248, 255) }
```


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

```
.border{ border-color:rgb(194, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8655, 85.8241, 107.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 248, 255) }
```

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

```
.background{ background-color: rgb(194,  
248, 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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