

Converting Colors

XYZ(73.9230, 86.3197,
106.9727)

Have a look what the booklet for
XYZ(73.9230, 86.3197, 106.9727)
contains.

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Color

**XYZ(73.9180, 86.3088,
107.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F9FF
RGB	193, 249, 255
RGB Percent	76%, 98%, 100%
CMY	0.2431, 0.0235, 0.0000
CMYK	0.24, 0.02, 0.00, 0.00
HSL	186°, 100%, 88%
HSV	186°, 24%, 100%
XYZ	73.9180, 86.3088, 107.3711
YIQ	232.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

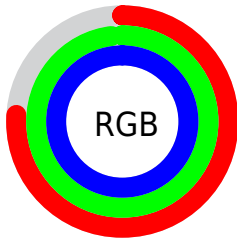
Format	Color
R _Y B	193, 222, 255
Decimal	12712447
CIE Lab	94.44, -16.25, -8.65
CIE LCh	94, 18.406, 208.027
Yxy	86.3088, 0.2762, 0.3225
Android (android.graphics.Color)	4290902527 (0xFFC1F9FF)
YUV	232.9400, 10.8756, -35.0274
Hunter-Lab	92.9025, -20.5557, -3.4920

Details

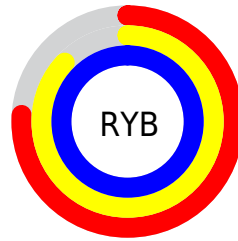
The XYZ color **73.9180, 86.3088, 107.3711** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2890, 65.9565, 59.4274**, and the grayscale version is **77.3487, 81.3768, 88.6194**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **39.5239, 47.1798, 60.4496** is the 20% darker color. If you saturate the color by 10%, you get **67.2128, 81.7302, 106.8408**, and if you desaturate by 10%, it is **81.7585, 91.4919, 107.9583**.

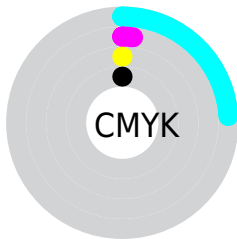
Distribution



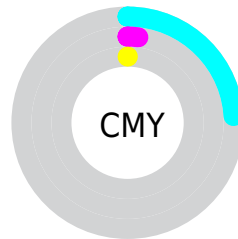
- Red (76%)
- Green (98%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9180, 86.3088, 107.3711 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 73.9180, 86.3088, 107.3711 by changing the saturation by 10% instead.

73.9180, 86.3088,
107.3711

73.9180, 86.3088,
107.3711

463.2450,
515.9489, 605.0227

55.0180, 64.9234,
81.8195

123.7757,
142.2003, 173.3904

39.6500, 47.3989,
60.6818

155.4641,
177.4752, 214.6951

27.4488, 33.3511,
43.5395

192.1459,
218.1487, 262.0879

18.0489, 22.3956,
29.9741

234.1866,
264.6052, 315.9874

11.0850, 14.1479,
19.5671

281.9515,
317.2290, 376.8121

6.1917, 8.2236,
11.8998

335.8060,

3.0038, 4.2383,

376.4047, 444.9805

6.5538

396.1154,
442.5165, 520.9112

■ 1.1558, 1.8078,
3.1105

■ 0.0710, 0.4920,
1.1513

■ 73.9180, 86.3088,
107.3711

■ 73.9180, 86.3088,
107.3711

■ 67.2128, 81.7302,
106.8408

■ 81.7585, 91.4919,
107.9583

■ 61.5785, 77.7164,
106.3630

■ 90.7810, 97.2970,
108.6033

■ 56.9548, 74.2382,
105.9353

95.0500, 100.0000,
108.9000

■ 53.2726, 71.2600,
105.5545

■ 50.4537, 68.7416,
105.2170

■ 48.4077, 66.6361,
104.9185

■ 47.0235, 64.8864,
104.6537

■ 46.4418, 64.0037,
104.5139

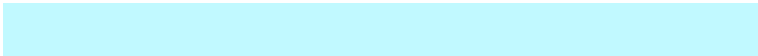
Harmonies

Analogous

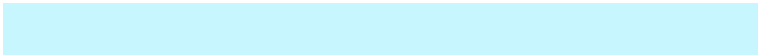
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8870, 86.3088, 93.0407



73.9180, 86.3088, 107.3711



77.0979, 86.3088, 119.0400

Triad

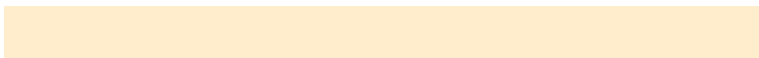
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9180, 86.3088, 107.3711



90.3734, 86.3088, 109.1565



82.3619, 86.3088, 69.2870

Complementary

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



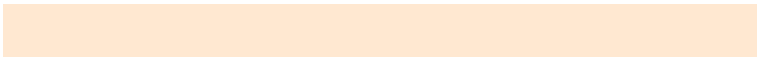
73.9180, 86.3088, 107.3711



71.2890, 65.9565, 59.4274

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.



87.1762, 86.3088, 72.7023



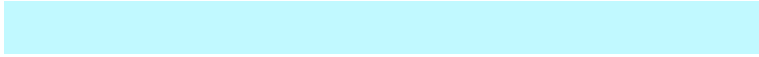
73.9180, 86.3088, 107.3711



91.9157, 86.3088, 94.9167

Square

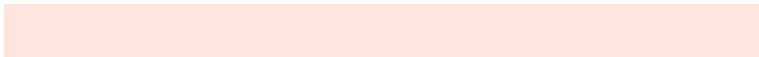
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9180, 86.3088, 107.3711



86.5868, 86.3088, 120.1415



90.7232, 86.3088, 81.7433



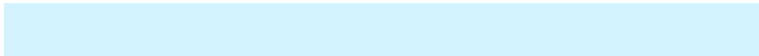
77.6435, 86.3088, 71.9147

Rectangle

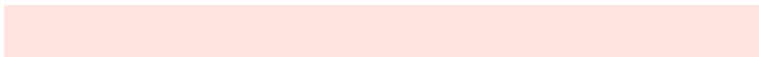
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9180, 86.3088, 107.3711



80.0758, 86.3088, 123.2340



90.7232, 86.3088, 81.7433



84.0237, 86.3088, 69.7587

Sweetspot

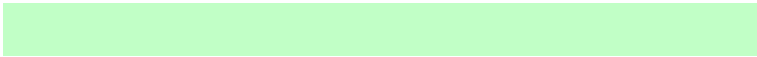
The Sweet Spot groups the original color and five complimentary colors.



73.9203, 86.3122, 107.3716



88.2370, 95.6740, 108.4241



67.9657, 86.9429, 66.7281



18.7666, 20.4015, 23.1987



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.



73.9203, 86.3122, 107.3716



70.6387, 84.0917, 107.1160



65.3316, 69.1349, 104.5088



18.3959, 20.1634, 23.1723



24.3283, 33.5662, 54.6313



2.4105, 3.3518, 5.3332

Inverse Universe

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



77.4103, 66.2411, 98.3323



74.6939, 61.0960, 96.5400



78.9318, 81.2420, 61.9750



18.7125, 18.2683, 22.3690



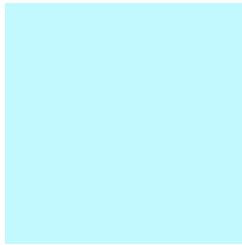
29.0680, 14.1165, 40.6041



2.8513, 1.3829, 4.0645

Previews

White Background



This preview shows how the XYZ color 73.9180, 86.3088, 107.3711 looks on a white background.

Color Contrast Check

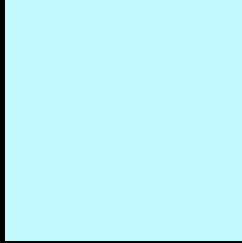
Large Text (above 18pt) WCAG AA × Fail

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 73.9180, 86.3088, 107.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

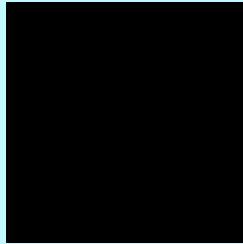
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9180, 86.3088, 107.3711

Background



This preview shows how black text looks on a background with the XYZ color 73.9180, 86.3088, 107.3711.

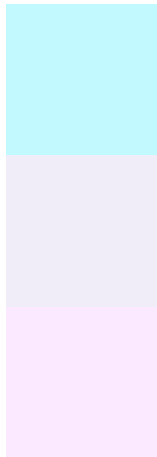


This preview shows how white text looks on a background with the XYZ color 73.9180, 86.3088,

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

73.9180, 86.3088, 107.3711

Protanopia

83.1626, 85.8709, 100.9985

Deuteranopia

86.6133, 85.8218, 106.6080



Tritanopia

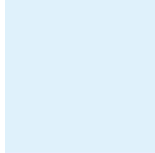
78.1249, 85.7683, 107.0450

Trichromacy



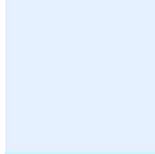
Original Color

73.9180, 86.3088, 107.3711



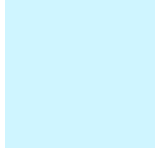
Protanomaly

79.2993, 85.5636, 103.6027



Deuteranomaly

81.2296, 85.6110, 106.8511



Tritanomaly

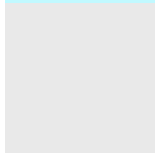
76.4345, 85.7902, 107.1384

Monochromacy



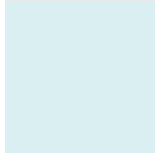
Original Color

73.9180, 86.3088, 107.3711



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.6571, 82.9893, 95.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9180, 86.3088, 107.3711 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(193, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 249, 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(193, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9180, 86.3088, 107.3711 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(193, 249, 255) }
```


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

```
.border{ border-color:rgb(193, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9180, 86.3088, 107.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 249, 255) }
```

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

```
.background{ background-color: rgb(193,  
249, 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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