

Converting Colors

XYZ(76.8613, 83.6517,
126.5074)

Have a look what the booklet for
XYZ(76.8613, 83.6517, 126.5074)
contains.

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Color

**XYZ(73.0585, 82.2727,
106.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F1FF
RGB	199, 241, 255
RGB Percent	78%, 95%, 100%
CMY	0.2196, 0.0549, 0.0000
CMYK	0.22, 0.05, 0.00, 0.00
HSL	195°, 100%, 89%
HSV	195°, 22%, 100%
XYZ	73.0585, 82.2727, 106.6374
YIQ	230.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

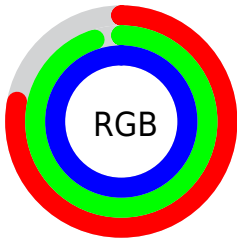
Format	Color
R _Y B	199, 223, 255
Decimal	13103615
CIE Lab	92.70, -10.50, -11.21
CIE LCh	93, 15.358, 226.881
Yxy	82.2727, 0.2789, 0.3141
Android (android.graphics.Color)	4291293695 (0xFFC7F1FF)
YUV	230.0380, 12.3063, -27.2203
Hunter-Lab	90.7043, -14.9583, -6.2119

Details

The XYZ color **73.0585, 82.2727, 106.6374** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3429, 72.9712, 64.1485**, and the grayscale version is **75.1712, 79.0860, 86.1246**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0436, 44.7044, 59.9971** is the 20% darker color. If you saturate the color by 10%, you get **64.9980, 75.3676, 105.7294**, and if you desaturate by 10%, it is **82.3231, 89.9007, 107.6214**.

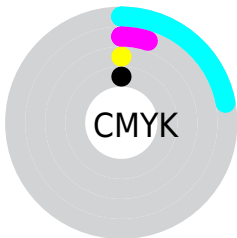
Distribution



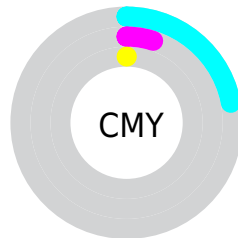
- Red (78%)
- Green (95%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0585, 82.2727, 106.6374 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 73.0585, 82.2727, 106.6374 by changing the saturation by 10% instead.

73.0585, 82.2727,
106.6374

73.0585, 82.2727,
106.6374

460.3182,
502.5594, 602.6971

54.3123, 61.5903,
81.2075

122.5629,
136.5564, 172.3801

39.0831, 44.7018,
60.1805

154.0519,
170.9264, 213.5300

27.0054, 31.2226,
43.1379

190.5193,
210.6279, 260.7570

17.7139, 20.7684,
29.6611

232.3303,
256.0451, 314.4796

10.8432, 12.9548,
19.3316

279.8503,
307.5625, 375.1164

6.0280, 7.3974,
11.7309

333.4447,

2.9029, 3.7119,

365.5644, 443.0859

6.4404

393.4789,
430.4352, 518.8066

■ 1.1026, 1.5137,
3.0416

■ 0.0273, 0.2984,
1.1159

■ 73.0585, 82.2727,
106.6374

■ 73.0585, 82.2727,
106.6374

■ 64.9980, 75.3676,
105.7294

■ 82.3231, 89.9007,
107.6214

■ 58.0778, 69.1453,
104.8931

■ 92.8383, 98.2703,
108.6827

■ 52.2383, 63.5760,
104.1259

■ 95.0500, 100.0000,
108.9000

■ 47.4111, 58.6237,
103.4244

■ 43.5202, 54.2479,
102.7849

■ 40.4775, 50.4023,
102.2030

■ 38.1775, 47.0313,
101.6735

■ 36.7394, 44.5988,
101.2798

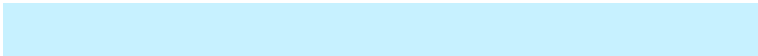
Harmonies

Analogous

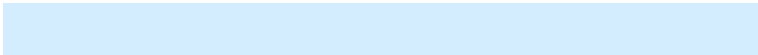
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0676, 82.2727, 96.1297



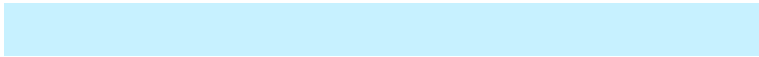
73.0585, 82.2727, 106.6374



76.4653, 82.2727, 112.7868

Triad

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



73.0585, 82.2727, 106.6374



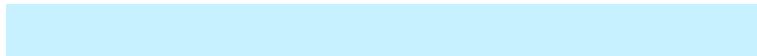
85.9285, 82.2727, 94.6731



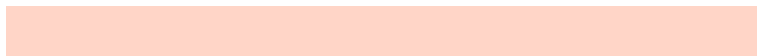
75.9859, 82.2727, 70.1162

Complementary

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



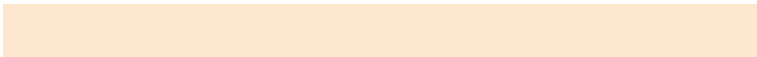
73.0585, 82.2727, 106.6374



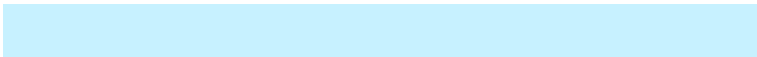
75.3429, 72.9712, 64.1485

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.



79.9561, 82.2727, 69.7988



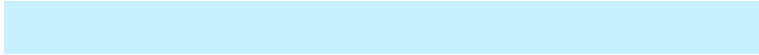
73.0585, 82.2727, 106.6374



85.7895, 82.2727, 83.3366

Square

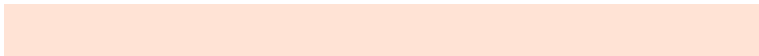
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



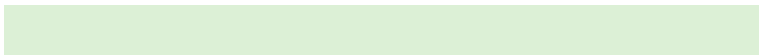
73.0585, 82.2727, 106.6374



83.9463, 82.2727, 105.4930



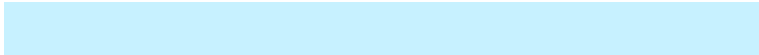
83.5725, 82.2727, 74.4478



72.7178, 82.2727, 75.3553

Rectangle

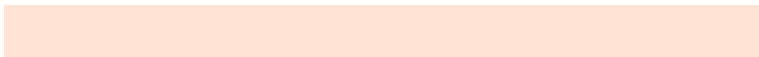
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0585, 82.2727, 106.6374



79.1227, 82.2727, 113.2727



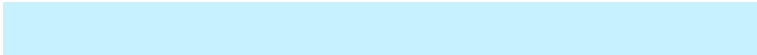
83.5725, 82.2727, 74.4478



77.2800, 82.2727, 69.4470

Sweetspot

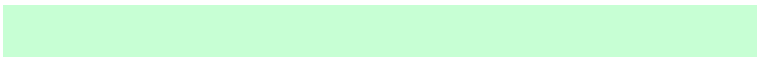
The Sweet Spot groups the original color and five complimentary colors.



73.0607, 82.2759, 106.6379



87.3784, 93.9569, 108.1379



71.2063, 88.4195, 75.6466



18.5673, 20.0029, 23.1323



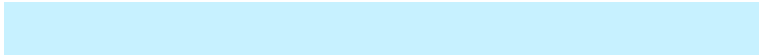
0.0000, 0.0000, 0.0000



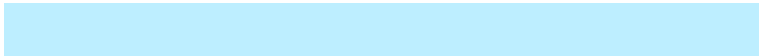
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0607, 82.2759, 106.6379



69.6617, 79.4001, 106.2619



65.6342, 67.4230, 104.1624



18.1478, 19.6673, 23.0896



19.3219, 23.5533, 52.9625



1.9678, 2.4663, 5.1856

Inverse Universe

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



77.5420, 68.4594, 92.3499



74.8690, 63.7246, 89.5744



82.7291, 87.7436, 66.6105



18.5873, 18.2182, 21.7097



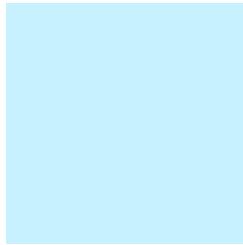
26.5410, 13.1057, 27.2970



2.6279, 1.2935, 2.8877

Previews

White Background



This preview shows how the XYZ color 73.0585, 82.2727, 106.6374 looks on a white background.

Color Contrast Check

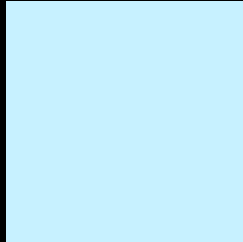
Large Text (above 18pt) WCAG AA × Fail

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 73.0585, 82.2727, 106.6374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

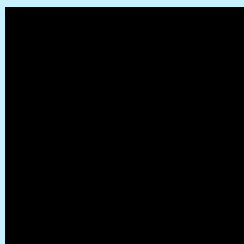
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0585, 82.2727, 106.6374

Background



This preview shows how black text looks on a background with the XYZ color 73.0585, 82.2727, 106.6374.

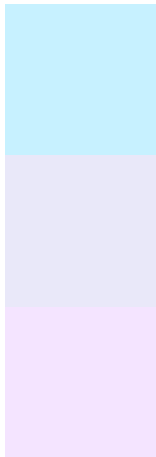


This preview shows how white text looks on a background with the XYZ color 73.0585, 82.2727,

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

73.0585, 82.2727, 106.6374

Protanopia

79.5598, 81.8764, 101.2330

Deuteranopia

83.1016, 81.9399, 106.0438



Tritanopia

74.6486, 82.2184, 106.5431

Trichromacy



Original Color

73.0585, 82.2727, 106.6374

Protanomaly

76.9397, 81.7538, 102.9917

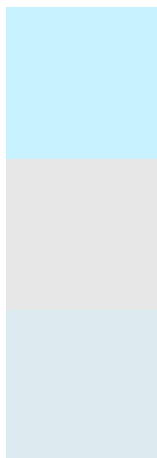
Deuteranomaly

79.1838, 81.9918, 106.2603

Tritanomaly

74.1119, 82.3775, 106.6021

Monochromacy



Original Color

73.0585, 82.2727, 106.6374

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.2162, 80.1377, 93.2179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0585, 82.2727, 106.6374 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 241, 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, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0585, 82.2727, 106.6374 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, 241, 255) }
```


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

```
.border{ border-color:rgb(199, 241, 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, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 241, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 241, 255); box-shadow:4px 4px 4px 4px rgb(199, 241, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0585, 82.2727, 106.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 241, 255) }
```

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

```
.background{ background-color: rgb(199,  
241, 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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