

Converting Colors

XYZ(71.3881, 80.9455,
106.4692)

Have a look what the booklet for
XYZ(71.3881, 80.9455, 106.4692)
contains.

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Color

**XYZ(71.4582, 81.0095,
106.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F0FF
RGB	194, 240, 255
RGB Percent	76%, 94%, 100%
CMY	0.2392, 0.0588, 0.0000
CMYK	0.24, 0.06, 0.00, 0.00
HSL	195°, 100%, 88%
HSV	195°, 24%, 100%
XYZ	71.4582, 81.0095, 106.4779
YIQ	227.9560, -32.2310, -5.0870

Conversions

Conversions Part 2

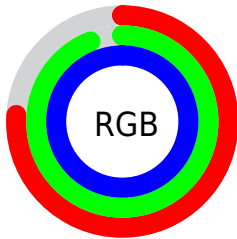
Format	Color
RYB	194, 220, 255
Decimal	12775679
CIELab	92.14, -11.46, -12.08
CIELCh	92, 16.645, 226.508
Yxy	81.0095, 0.2760, 0.3128
Android (android.graphics.Color)	4290965759 (0xFFC2F0FF)
YUV	227.9560, 13.3327, -29.7794
Hunter-Lab	90.0053, -15.7921, -7.1375

Details

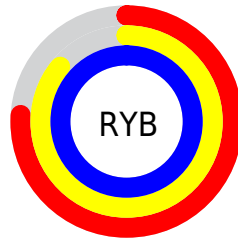
The XYZ color **71.4582, 81.0095, 106.4779** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7779, 70.7552, 60.8093**, and the grayscale version is **73.6349, 77.4697, 84.3645**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **37.9810, 43.8472, 59.8876** is the 20% darker color. If you saturate the color by 10%, you get **63.6534, 74.2955, 105.5933**, and if you desaturate by 10%, it is **80.4540, 88.4363, 107.4373**.

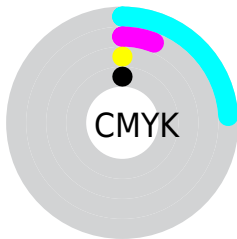
Distribution



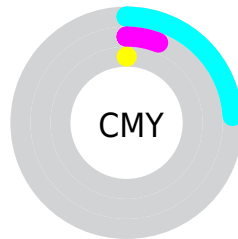
- Red (76%)
- Green (94%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4582, 81.0095, 106.4779 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 71.4582, 81.0095, 106.4779 by changing the saturation by 10% instead.

71.4582, 81.0095,
106.4779

71.4582, 81.0095,
106.4779

454.8405,
498.3284, 602.1909

53.0001, 60.5494,
81.0745

120.3009,
134.7841, 172.1604

38.0303, 43.8616,
60.0716

151.4162,
168.8674, 213.2766

26.1835, 30.5617,
43.0507

187.4812,
208.2606, 260.4675

17.0944, 20.2654,
29.5932

228.8614,
253.3481, 314.1516

10.3975, 12.5881,
19.2806

275.9221,
304.5142, 374.7474

5.7276, 7.1455,
11.6943

329.0286,

2.7192, 3.5533,

362.1434, 442.6736

6.4159

388.5463,
426.6200, 518.3485

■ 1.0071, 1.4270,
3.0267

■ 0.0000, 0.2365,
1.1083

■ 71.4582, 81.0095,
106.4779

■ 71.4582, 81.0095,
106.4779

■ 63.6534, 74.2955,
105.5933

■ 80.4540, 88.4363,
107.4373

■ 56.9752, 68.2539,
104.7792

■ 90.6882, 96.5949,
108.4727

■ 51.3627, 62.8545,
104.0328

95.0500, 100.0000,
108.9000

■ 46.7464, 58.0604,
103.3507

■ 43.0481, 53.8304,
102.7292

■ 40.1772, 50.1167,
102.1637

■ 38.0230, 46.8612,
101.6488

■ 36.9682, 45.0564,
101.3561

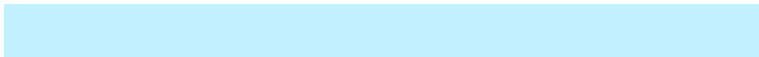
Harmonies

Analogous

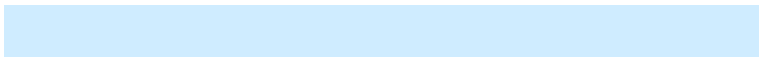
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3560, 81.0095, 95.0899



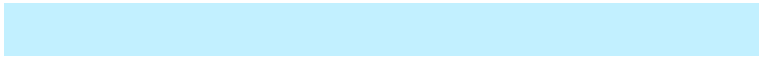
71.4582, 81.0095, 106.4779



75.0885, 81.0095, 113.2295

Triad

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



71.4582, 81.0095, 106.4779



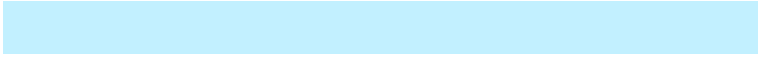
85.3000, 81.0095, 93.8330



74.6770, 81.0095, 67.4388

Complementary

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



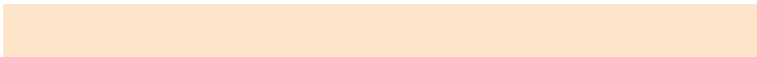
71.4582, 81.0095, 106.4779



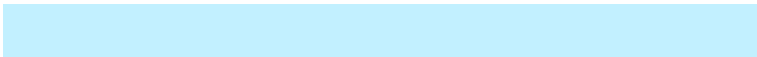
73.7779, 70.7552, 60.8093

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.



78.9377, 81.0095, 67.1702



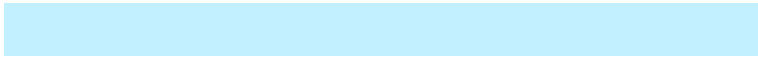
71.4582, 81.0095, 106.4779



85.1798, 81.0095, 81.6618

Square

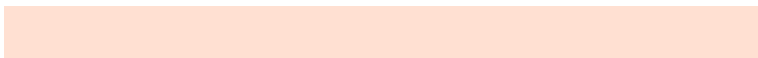
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



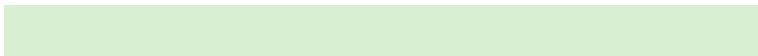
71.4582, 81.0095, 106.4779



83.1377, 81.0095, 105.4844



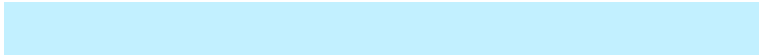
82.8151, 81.0095, 72.1532



71.1666, 81.0095, 72.9248

Rectangle

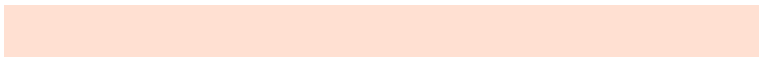
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4582, 81.0095, 106.4779



77.9358, 81.0095, 113.8208



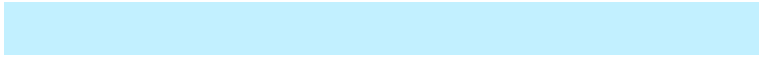
82.8151, 81.0095, 72.1532



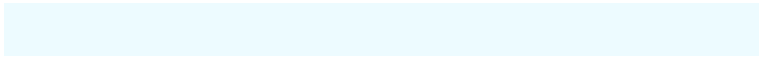
76.0660, 81.0095, 66.7543

Sweetspot

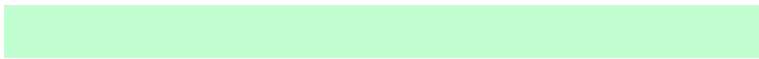
The Sweet Spot groups the original color and five complimentary colors.



71.4604, 81.0127, 106.4784



87.4012, 94.0024, 108.1455



69.4231, 87.5554, 73.0675



18.5726, 20.0134, 23.1340



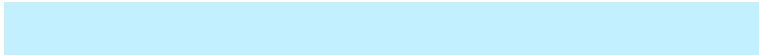
0.0000, 0.0000, 0.0000



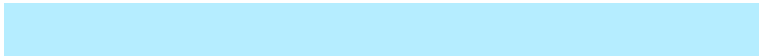
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4604, 81.0127, 106.4784



67.3500, 77.5142, 106.0198



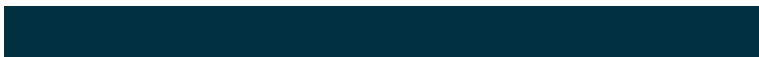
63.4119, 64.9158, 103.7956



18.1544, 19.6804, 23.0918



19.4402, 23.7901, 53.0019



1.9785, 2.4876, 5.1892

Inverse Universe

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



76.2613, 66.1364, 91.1880



73.0339, 60.4320, 87.7985



81.7666, 86.7326, 63.4721



18.5906, 18.2195, 21.7271



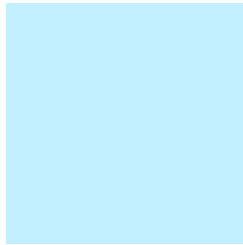
26.6007, 13.1296, 27.6116



2.6332, 1.2957, 2.9161

Previews

White Background



This preview shows how the XYZ color 71.4582, 81.0095, 106.4779 looks on a white background.

Color Contrast Check

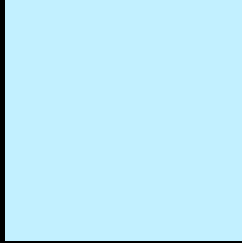
Large Text (above 18pt) WCAG AA × Fail

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 71.4582, 81.0095, 106.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

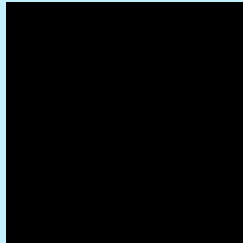
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4582, 81.0095, 106.4779

Background



This preview shows how black text looks on a background with the XYZ color 71.4582, 81.0095, 106.4779.



This preview shows how white text looks on a background with the XYZ color 71.4582, 81.0095,

106.4779.

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

71.4582, 81.0095, 106.4779

Protanopia

78.3507, 80.4221, 101.0160

Deuteranopia

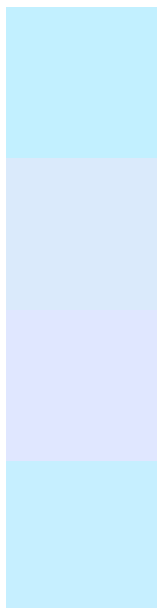
81.5220, 80.3135, 105.8131



Tritanopia

72.7119, 80.7866, 106.3688

Trichromacy



Original Color

71.4582, 81.0095, 106.4779

Protanomaly

75.7488, 80.7161, 102.8542

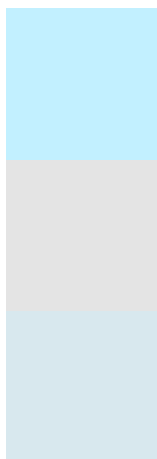
Deuteranomaly

77.3664, 80.2191, 106.0139

Tritanomaly

72.2052, 80.9588, 106.4287

Monochromacy



Original Color

71.4582, 81.0095, 106.4779

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.6081, 78.4852, 92.2112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4582, 81.0095, 106.4779 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, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 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, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.4582, 81.0095, 106.4779 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, 240, 255) }
```


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

```
.border{ border-color:rgb(194, 240, 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, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4582, 81.0095, 106.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 255) }
```

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

```
.background{ background-color: rgb(194,  
240, 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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