

Converting Colors

XYZ(74.0919, 81.2913,
106.3935)

Have a look what the booklet for
XYZ(74.0919, 81.2913, 106.3935)
contains.

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Color

**XYZ(74.3567, 81.6345,
106.4458)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEFFF
RGB	207, 238, 255
RGB Percent	81%, 93%, 100%
CMY	0.1882, 0.0666, 0.0000
CMYK	0.19, 0.07, 0.00, 0.00
HSL	201°, 100%, 91%
HSV	201°, 19%, 100%
XYZ	74.3567, 81.6345, 106.4458
YIQ	230.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

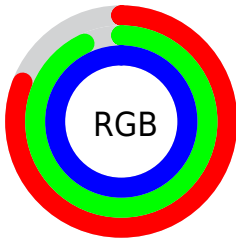
Format	Color
RYB	207, 226, 255
Decimal	13627135
CIELab	92.41, -6.59, -11.58
CIElCh	92, 13.319, 240.367
Yxy	81.6345, 0.2833, 0.3111
Android (android.graphics.Color)	4291817215 (0xFFCFEFFF)
YUV	230.6690, 11.9952, -20.7577
Hunter-Lab	90.3518, -11.2158, -6.6048

Details

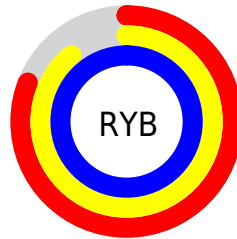
The XYZ color **74.3567, 81.6345, 106.4458** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.1579, 79.0752, 70.1242**, and the grayscale version is **75.6380, 79.5770, 86.6594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8699, 44.2085, 59.8578** is the 20% darker color. If you saturate the color by 10%, you get **65.2368, 73.1299, 105.2849**, and if you desaturate by 10%, it is **84.7633, 91.0024, 107.7055**.

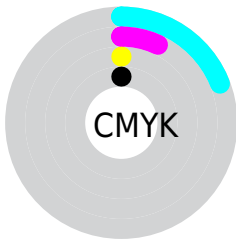
Distribution



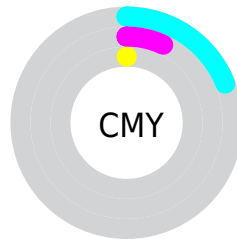
- Red (81%)
- Green (93%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3567, 81.6345, 106.4458 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 74.3567, 81.6345, 106.4458 by changing the saturation by 10% instead.

■ 74.3567, 81.6345,
106.4458

■ 74.3567, 81.6345,
106.4458

464.7349,
500.4243, 602.0890

■ 55.3783, 61.0643,
81.0477

124.3941,
135.6613, 172.1162

■ 39.9398, 44.2771,
60.0497

156.1839,
169.8868, 213.2256

■ 27.6756, 30.8884,
43.0331

192.9748,
209.4327, 260.4092

■ 18.2205, 20.5139,
29.5795

235.1323,
254.6836, 314.0855

■ 11.2090, 12.7691,
19.2703

283.0217,
306.0238, 374.6731

■ 6.2759, 7.2698,
11.6870

337.0084,

■ 3.0558, 3.6314,

363.8377, 442.5906

6.4110

397.4576,
428.5097, 518.2563

■ 1.1834, 1.4696,
3.0237

■ 0.0932, 0.2672,
1.1068

■ 74.3567, 81.6345,
106.4458

■ 74.3567, 81.6345,
106.4458

■ 65.2368, 73.1299,
105.2849

■ 84.7633, 91.0024,
107.7055

■ 57.3400, 65.4466,
104.2181

95.0500, 100.0000,
108.9000

■ 50.6070, 58.5532,
103.2424

■ 44.9704, 52.4121,
102.3541

■ 40.3553, 46.9816,
101.5492

■ 36.6767, 42.2148,
100.8229

■ 33.8340, 38.0566,
100.1701

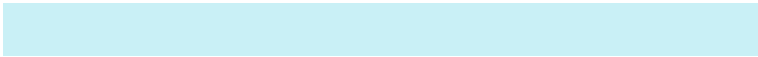
■ 31.6824, 34.4289,
99.5834

■ 31.4526, 34.0253,
99.5175

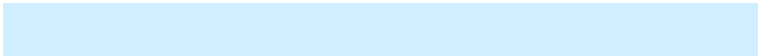
Harmonies

Analogous

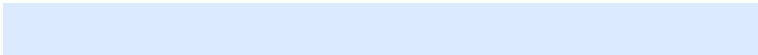
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0064, 81.6345, 98.8418



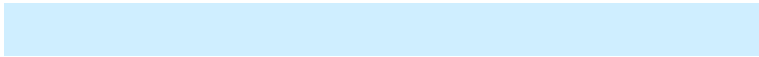
74.3567, 81.6345, 106.4458



77.6336, 81.6345, 109.2726

Triad

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



74.3567, 81.6345, 106.4458



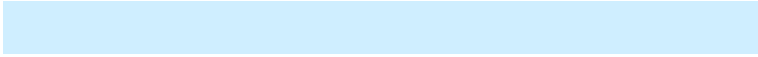
84.4165, 81.6345, 88.7646



74.2853, 81.6345, 73.4792

Complementary

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



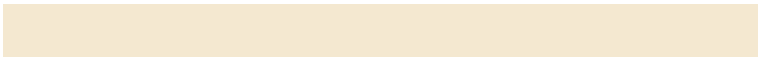
74.3567, 81.6345, 106.4458



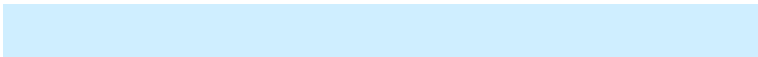
79.1579, 79.0752, 70.1242

Split Complementary

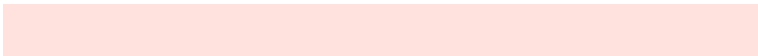
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5487, 81.6345, 71.2073



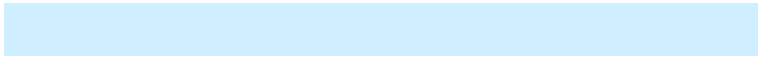
74.3567, 81.6345, 106.4458



83.4574, 81.6345, 79.6224

Square

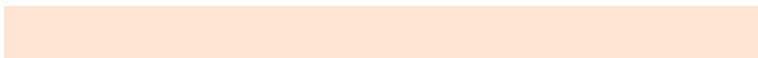
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



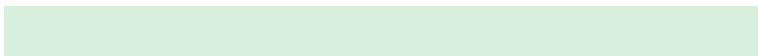
74.3567, 81.6345, 106.4458



83.5020, 81.6345, 98.6160



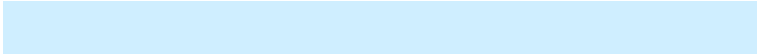
80.9180, 81.6345, 73.3722



71.9660, 81.6345, 79.8182

Rectangle

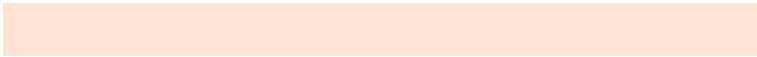
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3567, 81.6345, 106.4458



79.9231, 81.6345, 107.9156



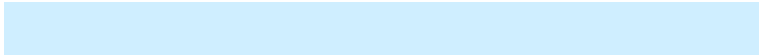
80.9180, 81.6345, 73.3722



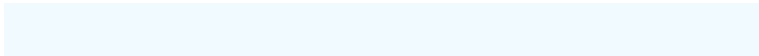
75.3050, 81.6345, 72.2365

Sweetspot

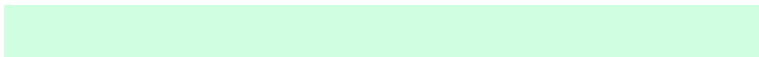
The Sweet Spot groups the original color and five complimentary colors.



74.3589, 81.6377, 106.4463



87.9394, 93.8048, 108.0790



74.9206, 90.1569, 83.8334



18.6633, 19.9379, 23.1147



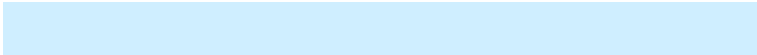
0.0000, 0.0000, 0.0000



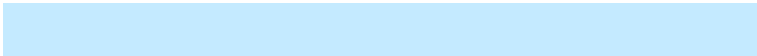
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3589, 81.6377, 106.4463



70.3953, 77.9811, 105.9494



67.8807, 68.6814, 104.2869



17.9820, 19.3356, 23.0343



16.5806, 18.0708, 52.0487



1.7174, 1.9655, 5.1021

Inverse Universe

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



78.9868, 72.0603, 90.6387



75.9438, 66.8519, 86.9185



86.0089, 92.7773, 72.4079



18.5036, 18.1847, 21.2689



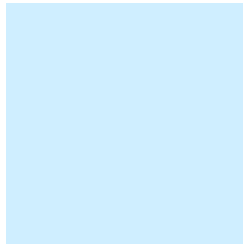
25.1573, 12.5522, 20.0107



2.5015, 1.2430, 2.2221

Previews

White Background



This preview shows how the XYZ color 74.3567, 81.6345, 106.4458 looks on a white background.

Color Contrast Check

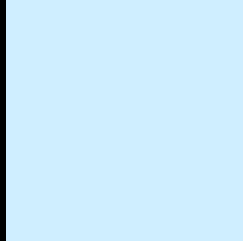
Large Text (above 18pt) WCAG AA × Fail

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 74.3567, 81.6345, 106.4458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

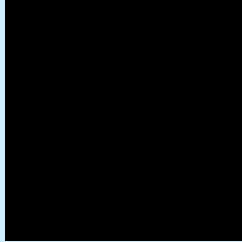
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3567, 81.6345, 106.4458

Background



This preview shows how black text looks on a background with the XYZ color 74.3567, 81.6345, 106.4458.



This preview shows how white text looks on a background with the XYZ color 74.3567, 81.6345,

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

74.3567, 81.6345, 106.4458

Protanopia

79.2672, 81.2727, 102.7762

Deuteranopia

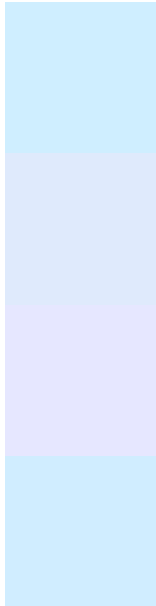
82.4812, 81.2129, 105.9362



Tritanopia

74.6287, 81.3437, 106.3753

Trichromacy



Original Color

74.3567, 81.6345, 106.4458

Protanomaly

77.4249, 81.5619, 103.7577

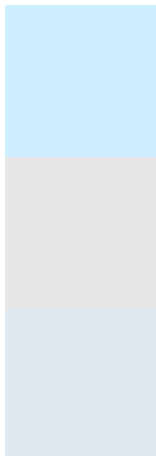
Deuteranomaly

79.2590, 81.1948, 106.1025

Tritanomaly

74.3466, 81.1983, 106.3621

Monochromacy



Original Color

74.3567, 81.6345, 106.4458

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2752, 80.6665, 94.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3567, 81.6345, 106.4458 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(207, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 238, 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(207, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3567, 81.6345, 106.4458 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(207, 238, 255) }
```


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

```
.border{ border-color:rgb(207, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(207, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3567, 81.6345, 106.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 238, 255) }
```

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

```
.background{ background-color: rgb(207,  
238, 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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