

Converting Colors

XYZ(74.4683, 81.4401,
106.4024)

Have a look what the booklet for
XYZ(74.4683, 81.4401, 106.4024)
contains.

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Color

**XYZ(74.3466, 81.1983,
106.3621)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EDFF
RGB	208, 237, 255
RGB Percent	82%, 93%, 100%
CMY	0.1843, 0.0706, 0.0000
CMYK	0.18, 0.07, 0.00, 0.00
HSL	203°, 100%, 91%
HSV	203°, 18%, 100%
XYZ	74.3466, 81.1983, 106.3621
YIQ	230.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

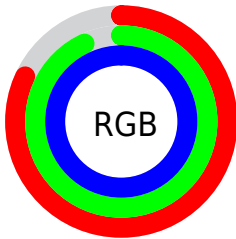
Format	Color
R _Y B	208, 226, 255
Decimal	13692415
CIE Lab	92.22, -5.77, -11.86
CIE LCh	92, 13.189, 244.043
Yxy	81.1983, 0.2839, 0.3100
Android (android.graphics.Color)	4291882495 (0xFFD0EDFF)
YUV	230.3810, 12.1372, -19.6281
Hunter-Lab	90.1101, -10.4187, -6.9063

Details

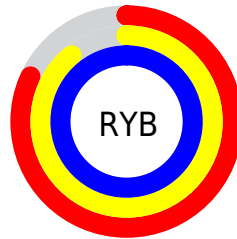
The XYZ color **74.3466, 81.1983, 106.3621** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8212, 80.2055, 70.9503**, and the grayscale version is **75.4229, 79.3508, 86.4130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8538, 43.8973, 59.7986** is the 20% darker color. If you saturate the color by 10%, you get **64.9954, 72.2966, 105.1368**, and if you desaturate by 10%, it is **85.0087, 91.0085, 107.6937**.

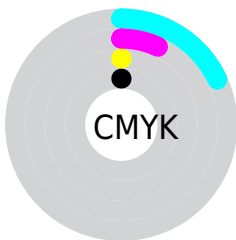
Distribution



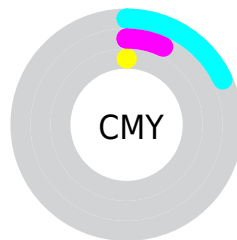
- Red (82%)
- Green (93%)
- Blue (100%)



- Red (82%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3466, 81.1983, 106.3621 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 74.3466, 81.1983, 106.3621 by changing the saturation by 10% instead.

■ 74.3466, 81.1983,
106.3621

■ 74.3466, 81.1983,
106.3621

464.7006,
498.9621, 601.8233

■ 55.3701, 60.7049,
80.9779

124.3799,
135.0492, 172.0009

■ 39.9331, 43.9871,
59.9925

156.1673,
169.1755, 213.0926

■ 27.6704, 30.6604,
42.9874

192.9558,
208.6149, 260.2572

■ 18.2165, 20.3404,
29.5439

235.1106,
253.7517, 313.9133

■ 11.2062, 12.6427,
19.2435

282.9971,
304.9705, 374.4795

■ 6.2740, 7.1830,
11.6678

336.9807,

■ 3.0546, 3.5768,

362.6555, 442.3741

6.3981

397.4268,
427.1913, 518.0159

■ 1.1827, 1.4398,
3.0160

■ 0.0927, 0.2458,
1.1028

■ 74.3466, 81.1983,
106.3621

■ 74.3466, 81.1983,
106.3621

■ 64.9954, 72.2966,
105.1368

■ 85.0087, 91.0085,
107.6937

■ 56.8912, 64.2606,
104.0128

95.0500, 100.0000,
108.9000

■ 49.9742, 57.0578,
102.9871

■ 44.1768, 50.6496,
102.0557

■ 39.4239, 44.9935,
101.2145

■ 35.6303, 40.0415,
100.4586

■ 32.6956, 35.7377,
99.7826

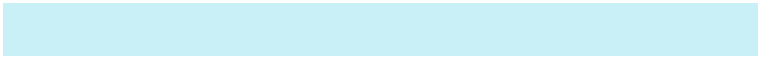
■ 30.4802, 32.0060,
99.1790

■ 30.1684, 31.4568,
99.0895

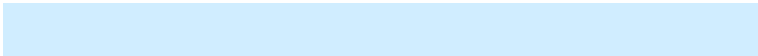
Harmonies

Analogous

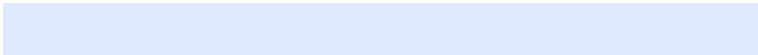
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8783, 81.1983, 99.3275



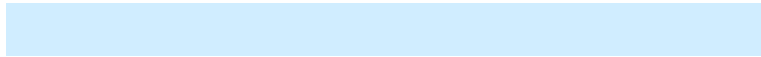
74.3466, 81.1983, 106.3621



77.6391, 81.1983, 108.4622

Triad

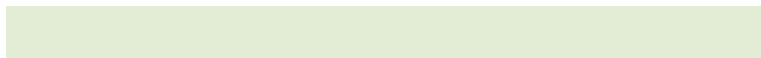
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3466, 81.1983, 106.3621



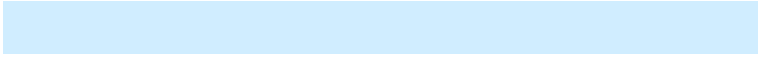
83.8925, 81.1983, 87.0958



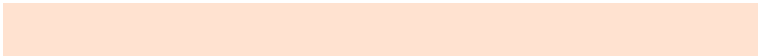
73.5695, 81.1983, 73.7683

Complementary

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



74.3466, 81.1983, 106.3621



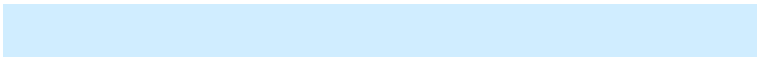
79.8212, 80.2055, 70.9503

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.



76.7159, 81.1983, 70.9973



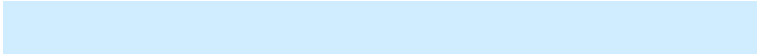
74.3466, 81.1983, 106.3621



82.7290, 81.1983, 78.3254

Square

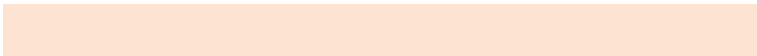
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



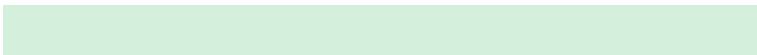
74.3466, 81.1983, 106.3621



83.2134, 81.1983, 96.8735



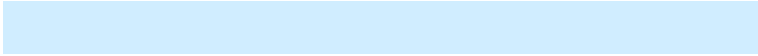
80.0774, 81.1983, 72.6029



71.4390, 81.1983, 80.4565

Rectangle

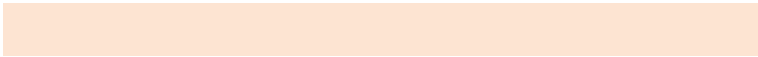
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3466, 81.1983, 106.3621



79.8745, 81.1983, 106.6617



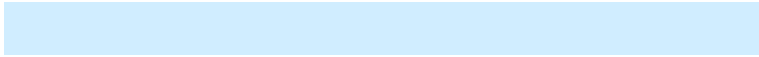
80.0774, 81.1983, 72.6029



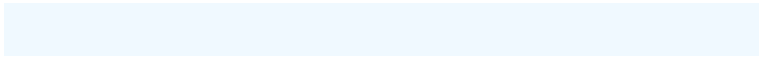
74.5400, 81.1983, 72.3711

Sweetspot

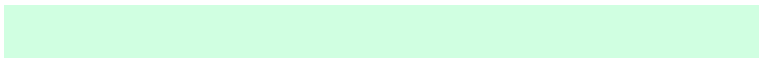
The Sweet Spot groups the original color and five complimentary colors.



74.3488, 81.2015, 106.3626



87.8029, 93.5318, 108.0335



75.3958, 90.3793, 84.8735



18.6310, 19.8733, 23.1039



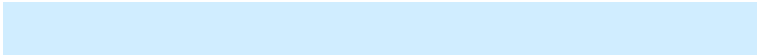
0.0000, 0.0000, 0.0000



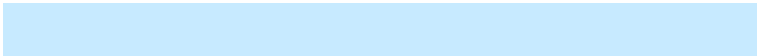
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3488, 81.2015, 106.3626



70.8629, 77.9210, 105.9131



68.1778, 68.8596, 104.3056



17.9365, 19.2446, 23.0192



15.9125, 16.7346, 51.8260



1.6551, 1.8408, 5.0814

Inverse Universe

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



79.0833, 72.4877, 89.9480



76.4228, 67.9738, 86.5730



86.4189, 93.4010, 73.1496



18.4806, 18.1756, 21.1480



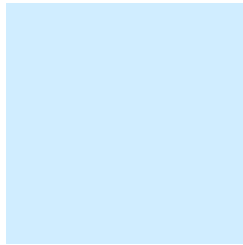
24.8201, 12.4173, 18.2349



2.4700, 1.2304, 2.0565

Previews

White Background



This preview shows how the XYZ color 74.3466, 81.1983, 106.3621 looks on a white background.

Color Contrast Check

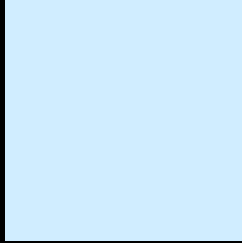
Large Text (above 18pt) WCAG AA × Fail

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 74.3466, 81.1983, 106.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

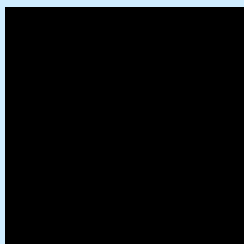
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

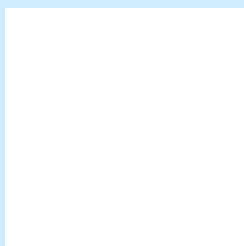
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3466, 81.1983, 106.3621

Background



This preview shows how black text looks on a background with the XYZ color 74.3466, 81.1983, 106.3621.



This preview shows how white text looks on a background with the XYZ color 74.3466, 81.1983,

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

74.3466, 81.1983, 106.3621

Protanopia

78.9435, 81.1058, 102.7610

Deuteranopia

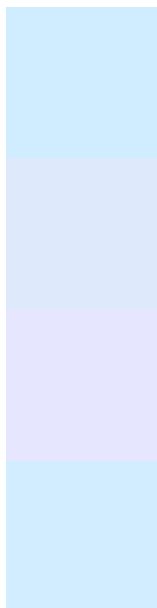
82.1370, 81.0354, 105.9201



Tritanopia

74.6287, 81.3437, 106.3753

Trichromacy



Original Color

74.3466, 81.1983, 106.3621

Protanomaly

77.1410, 80.9941, 103.6631

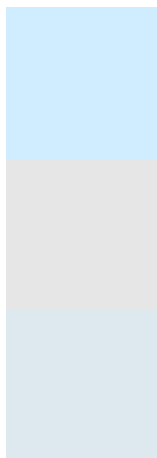
Deuteranomaly

79.2590, 81.1948, 106.1025

Tritanomaly

74.6287, 81.3437, 106.3753

Monochromacy



Original Color

74.3466, 81.1983, 106.3621

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8431, 80.0394, 93.1659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3466, 81.1983, 106.3621 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(208, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 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(208, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3466, 81.1983, 106.3621 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(208, 237, 255) }
```


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

```
.border{ border-color:rgb(208, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3466, 81.1983, 106.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 255) }
```

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

```
.background{ background-color: rgb(208,  
237, 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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