

Converting Colors

XYZ(74.4535, 84.0898,
106.9146)

Have a look what the booklet for
XYZ(74.4535, 84.0898, 106.9146)
contains.

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Color

**XYZ(74.1880, 83.7387,
106.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F3FF
RGB	201, 243, 255
RGB Percent	79%, 95%, 100%
CMY	0.2118, 0.0470, 0.0000
CMYK	0.21, 0.05, 0.00, 0.00
HSL	193°, 100%, 89%
HSV	193°, 21%, 100%
XYZ	74.1880, 83.7387, 106.8608
YIQ	231.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

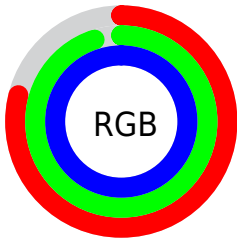
Format	Color
R _Y B	201, 225, 255
Decimal	13235199
CIE Lab	93.34, -10.92, -10.24
CIE LCh	93, 14.968, 223.178
Yxy	83.7387, 0.2802, 0.3162
Android (android.graphics.Color)	4291425279 (0xFFC9F3FF)
YUV	231.8100, 11.4327, -27.0204
Hunter-Lab	91.5089, -15.4271, -5.1806

Details

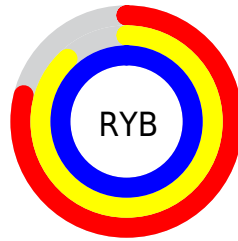
The XYZ color **74.1880, 83.7387, 106.8608** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5767, 73.0647, 65.3797**, and the grayscale version is **76.4943, 80.4779, 87.6405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8174, 45.7289, 60.1540** is the 20% darker color. If you saturate the color by 10%, you get **66.2251, 77.1578, 106.0103**, and if you desaturate by 10%, it is **83.3456, 91.0174, 107.7831**.

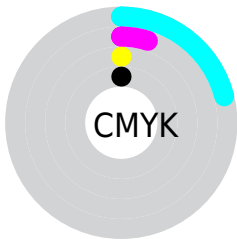
Distribution



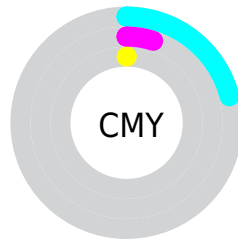
- Red (79%)
- Green (95%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1880, 83.7387, 106.8608 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 74.1880, 83.7387, 106.8608 by changing the saturation by 10% instead.

74.1880, 83.7387,
106.8608

74.1880, 83.7387,
106.8608

464.1623,
507.4451, 603.4057

55.2398, 62.7997,
81.3938

124.1563,
138.6096, 172.6878

39.8283, 45.6792,
60.3331

155.9072,
173.3103, 213.8849

27.5883, 31.9928,
43.2601

192.6562,
213.3671, 261.1624

18.1544, 21.3560,
29.7563

234.7688,
259.1642, 314.9390

11.1613, 13.3844,
19.4032

282.6104,
311.0862, 375.6330

6.2435, 7.6938,
11.7823

336.5462,

3.0358, 3.8997,

369.5175, 443.6631

6.4749

396.9417,
434.8423, 519.4478

■ 1.1727, 1.6176,
3.0625

■ 0.0847, 0.3694,
1.1266

■ 74.1880, 83.7387,
106.8608

■ 74.1880, 83.7387,
106.8608

■ 66.2251, 77.1578,
106.0103

■ 83.3456, 91.0174,
107.7831

■ 59.3936, 71.2350,
105.2271

■ 93.7439, 99.0119,
108.7781

■ 53.6344, 65.9413,
104.5089

95.0500, 100.0000,
108.9000

■ 48.8801, 61.2412,
103.8522

■ 45.0553, 57.0951,
103.2535

■ 42.0737, 53.4577,
102.7086

■ 39.8313, 50.2748,
102.2124

■ 38.3250, 47.7699,
101.8083

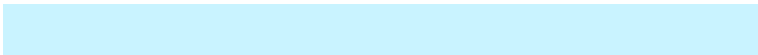
Harmonies

Analogous

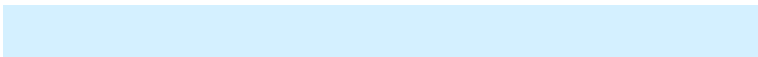
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4332, 83.7387, 96.2188



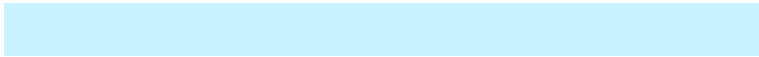
74.1880, 83.7387, 106.8608



77.4165, 83.7387, 113.5868

Triad

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



74.1880, 83.7387, 106.8608



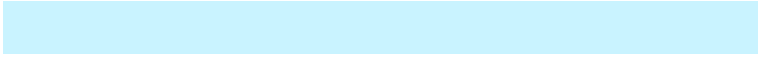
87.0731, 83.7387, 97.6082



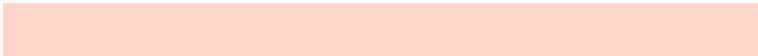
77.8747, 83.7387, 71.6230

Complementary

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



74.1880, 83.7387, 106.8608



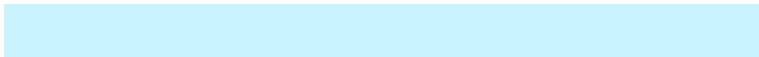
75.5767, 73.0647, 65.3797

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.



81.8061, 83.7387, 71.9278



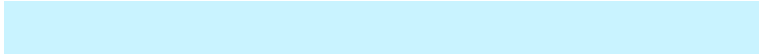
74.1880, 83.7387, 106.8608



87.2057, 83.7387, 86.3149

Square

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



74.1880, 83.7387, 106.8608



84.8939, 83.7387, 107.9501



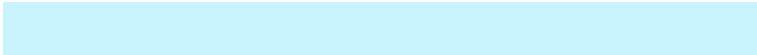
85.2504, 83.7387, 77.1085



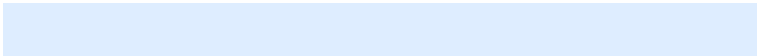
74.5139, 83.7387, 76.2384

Rectangle

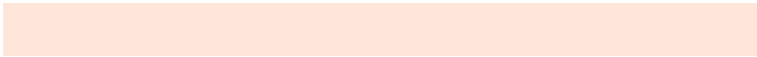
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1880, 83.7387, 106.8608



80.0123, 83.7387, 114.6274



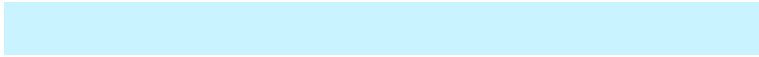
85.2504, 83.7387, 77.1085



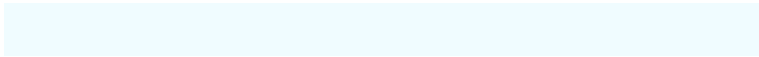
79.1715, 83.7387, 71.1655

Sweetspot

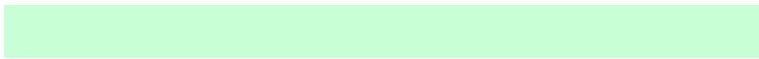
The Sweet Spot groups the original color and five complimentary colors.



74.1902, 83.7420, 106.8613



88.5687, 95.0634, 108.2887



71.8206, 88.7269, 76.0935



18.8123, 20.2359, 23.1644



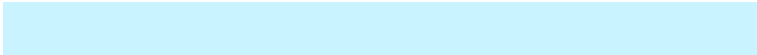
0.0000, 0.0000, 0.0000



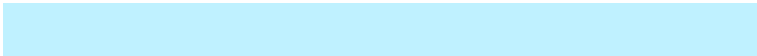
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1902, 83.7420, 106.8613



71.0063, 81.1437, 106.5276



66.7715, 68.9046, 104.3884



18.1925, 19.7565, 23.1045



20.1418, 25.1932, 53.2358



2.0414, 2.6135, 5.2101

Inverse Universe

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



78.3057, 69.5060, 94.0867



75.7784, 64.9720, 91.6394



82.8550, 87.6213, 67.8058



18.6098, 18.2272, 21.8283



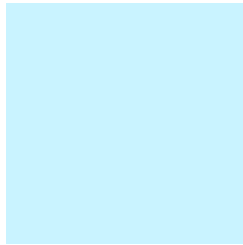
26.9549, 13.2712, 29.4764



2.6650, 1.3084, 3.0833

Previews

White Background



This preview shows how the XYZ color 74.1880, 83.7387, 106.8608 looks on a white background.

Color Contrast Check

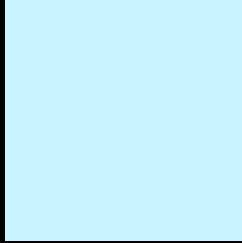
Large Text (above 18pt) WCAG AA × Fail

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 74.1880, 83.7387, 106.8608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

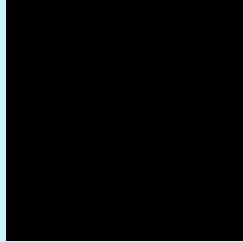
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1880, 83.7387, 106.8608

Background



This preview shows how black text looks on a background with the XYZ color 74.1880, 83.7387, 106.8608.

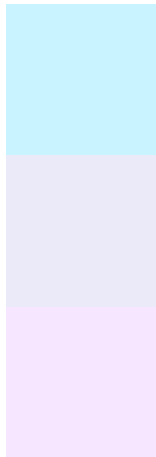


This preview shows how white text looks on a background with the XYZ color 74.1880, 83.7387,

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

74.1880, 83.7387, 106.8608

Protanopia

80.7827, 83.3474, 101.4525

Deuteranopia

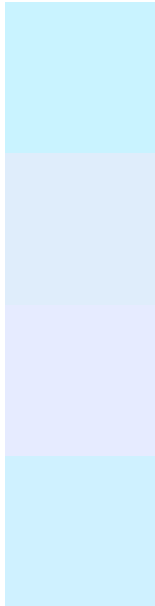
84.3529, 83.4065, 106.2609



Tritanopia

76.0741, 83.3891, 106.6939

Trichromacy



Original Color

74.1880, 83.7387, 106.8608

Protanomaly

78.1282, 83.2214, 103.2123

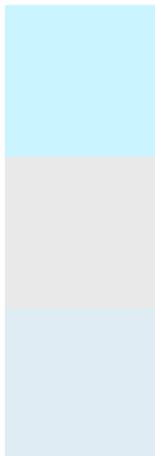
Deuteranomaly

80.3915, 83.4597, 106.4800

Tritanomaly

75.2374, 83.3960, 106.7393

Monochromacy



Original Color

74.1880, 83.7387, 106.8608

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5424, 81.6543, 94.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1880, 83.7387, 106.8608 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(201, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 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(201, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1880, 83.7387, 106.8608 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(201, 243, 255) }
```


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

```
.border{ border-color:rgb(201, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1880, 83.7387, 106.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 255) }
```

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

```
.background{ background-color: rgb(201,  
243, 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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