

Converting Colors

XYZ(76.9163, 85.5412,
118.4562)

Have a look what the booklet for
XYZ(76.9163, 85.5412, 118.4562)
contains.

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Color

**XYZ(74.4881, 84.3389,
106.9608)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F4FF
RGB	201, 244, 255
RGB Percent	79%, 96%, 100%
CMY	0.2118, 0.0431, 0.0000
CMYK	0.21, 0.04, 0.00, 0.00
HSL	192°, 100%, 89%
HSV	192°, 21%, 100%
XYZ	74.4881, 84.3389, 106.9608
YIQ	232.3970, -29.1590, -5.6950

Conversions

Conversions Part 2

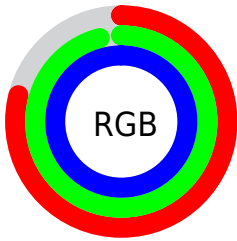
Format	Color
R_{YB}	201, 225, 255
Decimal	13235455
CIE Lab	93.60, -11.42, -9.85
CIE LCh	94, 15.083, 220.796
Yxy	84.3389, 0.2803, 0.3173
Android (android.graphics.Color)	4291425535 (0xFFC9F4FF)
YUV	232.3970, 11.1433, -27.5352
Hunter-Lab	91.8362, -15.9325, -4.7692

Details

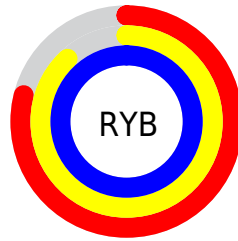
The XYZ color **74.4881, 84.3389, 106.9608** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3259, 72.5631, 65.2961**, and the grayscale version is **76.9358, 80.9424, 88.1463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0303, 46.1546, 60.2250** is the 20% darker color. If you saturate the color by 10%, you get **66.6539, 78.0155, 106.1532**, and if you desaturate by 10%, it is **83.5087, 91.3436, 107.8374**.

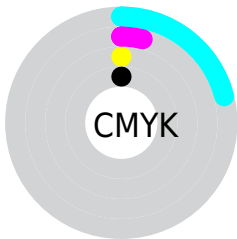
Distribution



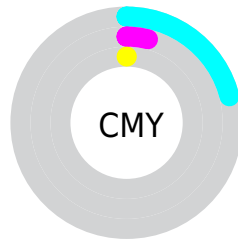
- Red (79%)
- Green (96%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4881, 84.3389, 106.9608 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 74.4881, 84.3389, 106.9608 by changing the saturation by 10% instead.

74.4881, 84.3389,
106.9608

74.4881, 84.3389,
106.9608

465.1806,
509.4380, 603.7228

55.4863, 63.2953,
81.4772

124.5793,
139.4491, 172.8255

40.0266, 46.0801,
60.4014

156.3994,
174.2846, 214.0437

27.7436, 32.3091,
43.3148

193.2230,
214.4860, 261.3439

18.2719, 21.5977,
29.7990

235.4154,
260.4379, 315.1445

11.2463, 13.5616,
19.4353

283.3420,
312.5247, 375.8642

6.3012, 7.8164,
11.8053

337.3682,

3.0715, 3.9777,

371.1307, 443.9214

6.4903

397.8593,
436.6403, 519.7348

■ 1.1917, 1.6611,
3.0719

■ 0.0998, 0.3983,
1.1314

■ 74.4881, 84.3389,
106.9608

■ 74.4881, 84.3389,
106.9608

■ 66.6539, 78.0155,
106.1532

■ 83.5087, 91.3436,
107.8374

■ 59.9430, 72.3339,
105.4102

■ 93.7615, 99.0472,
108.7840

■ 54.2963, 67.2651,
104.7295

■ 95.0500, 100.0000,
108.9000

■ 49.6465, 62.7740,
104.1077

■ 45.9185, 58.8213,
103.5412

■ 43.0257, 55.3618,
103.0259

■ 40.8647, 52.3416,
102.5569

■ 39.4239, 49.9678,
102.1746

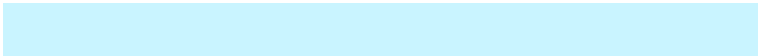
Harmonies

Analogous

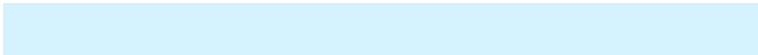
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8532, 84.3389, 96.0116



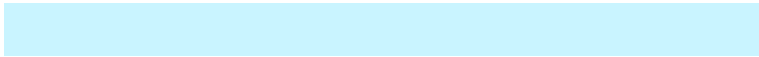
74.4881, 84.3389, 106.9608



77.6623, 84.3389, 114.2021

Triad

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



74.4881, 84.3389, 106.9608



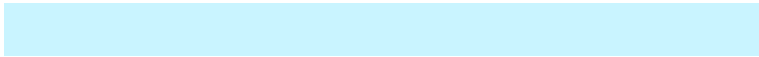
87.6335, 84.3389, 99.2557



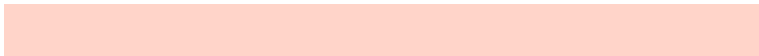
78.7319, 84.3389, 71.8791

Complementary

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



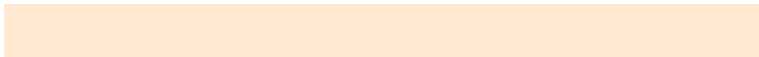
74.4881, 84.3389, 106.9608



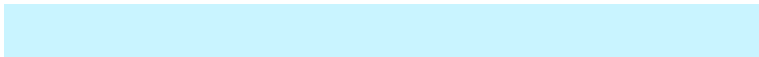
75.3259, 72.5631, 65.2961

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.



82.7139, 84.3389, 72.5902



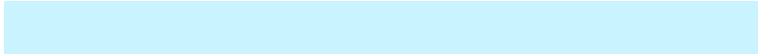
74.4881, 84.3389, 106.9608



87.9431, 84.3389, 87.7730

Square

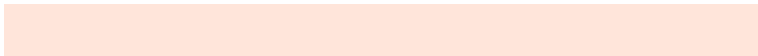
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4881, 84.3389, 106.9608



85.2838, 84.3389, 109.5046



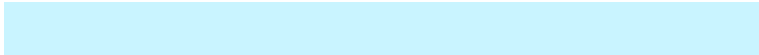
86.1161, 84.3389, 78.1993



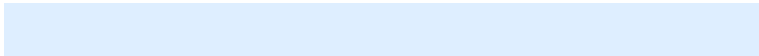
75.2487, 84.3389, 76.1688

Rectangle

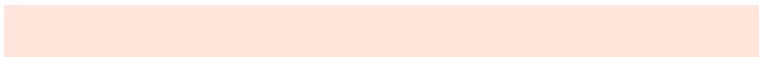
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4881, 84.3389, 106.9608



80.2683, 84.3389, 115.6206



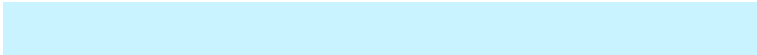
86.1161, 84.3389, 78.1993



80.0550, 84.3389, 71.5508

Sweetspot

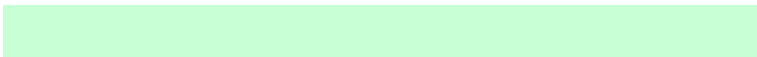
The Sweet Spot groups the original color and five complimentary colors.



74.4903, 84.3422, 106.9614



88.6576, 95.2411, 108.3184



71.7069, 88.6814, 75.4946



18.8333, 20.2780, 23.1714



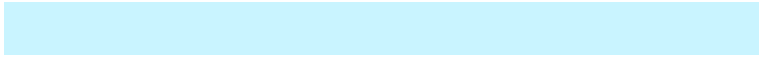
0.0000, 0.0000, 0.0000



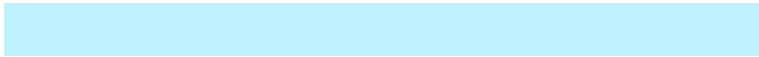
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4903, 84.3422, 106.9614



71.3566, 81.8444, 106.6444



67.0031, 69.3678, 104.4656



18.2223, 19.8162, 23.1144



20.7096, 26.3289, 53.4251



2.0921, 2.7148, 5.2270

Inverse Universe

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



78.4572, 69.5666, 94.8844



75.9552, 65.0427, 92.5706



82.5912, 87.0936, 67.7179



18.6248, 18.2333, 21.9076



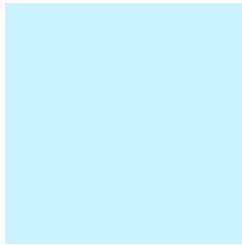
27.2415, 13.3859, 30.9857



2.6906, 1.3186, 3.2180

Previews

White Background



This preview shows how the XYZ color 74.4881, 84.3389, 106.9608 looks on a white background.

Color Contrast Check

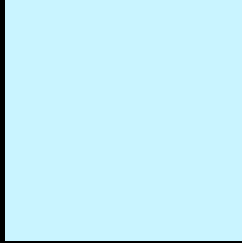
Large Text (above 18pt) WCAG AA × Fail

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 74.4881, 84.3389, 106.9608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

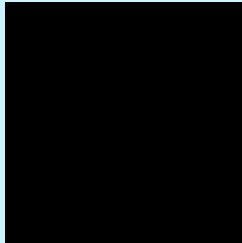
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4881, 84.3389, 106.9608

Background



This preview shows how black text looks on a background with the XYZ color 74.4881, 84.3389, 106.9608.

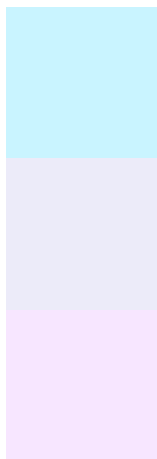


This preview shows how white text looks on a background with the XYZ color 74.4881, 84.3389,

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

74.4881, 84.3389, 106.9608

Protanopia

81.3993, 84.0891, 101.5631

Deuteranopia

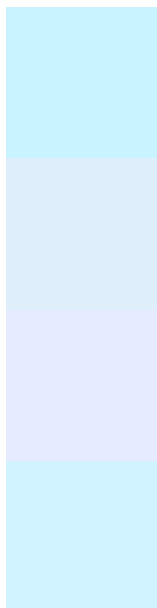
84.7046, 83.5878, 106.2774



Tritanopia

76.9459, 84.2767, 106.8193

Trichromacy



Original Color

74.4881, 84.3389, 106.9608

Protanomaly

78.4185, 83.8021, 103.3091

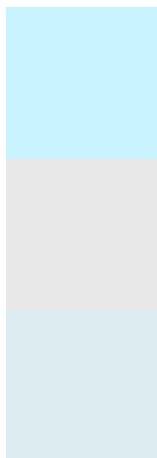
Deuteranomaly

80.3915, 83.4597, 106.4800

Tritanomaly

76.0966, 84.2796, 106.8646

Monochromacy



Original Color

74.4881, 84.3389, 106.9608

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 74.4881, 84.3389, 106.9608 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4881, 84.3389, 106.9608 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, 244, 255) }
```


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

```
.border{ border-color:rgb(201, 244, 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, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4881, 84.3389, 106.9608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 244, 255) }
```

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

```
.background{ background-color: rgb(201,  
244, 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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