

Converting Colors

XYZ(75.5650, 84.5021,
111.9713)

Have a look what the booklet for
XYZ(75.5650, 84.5021, 111.9713)
contains.

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Color

**XYZ(74.4577, 83.8777,
106.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF3FF
RGB	202, 243, 255
RGB Percent	79%, 95%, 100%
CMY	0.2078, 0.0470, 0.0000
CMYK	0.21, 0.05, 0.00, 0.00
HSL	194°, 100%, 90%
HSV	194°, 21%, 100%
XYZ	74.4577, 83.8777, 106.8734
YIQ	232.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

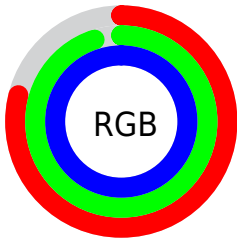
Format	Color
R_{YB}	202, 225, 255
Decimal	13300735
CIE Lab	93.40, -10.62, -10.15
CIE LCh	93, 14.687, 223.695
Yxy	83.8777, 0.2808, 0.3163
Android (android.graphics.Color)	4291490815 (0xFFCAF3FF)
YUV	232.1090, 11.2853, -26.4056
Hunter-Lab	91.5848, -15.1542, -5.0782

Details

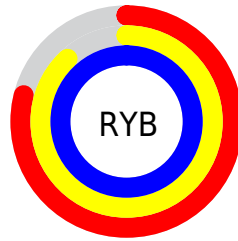
The XYZ color **74.4577, 83.8777, 106.8734** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9471, 73.6165, 66.0854**, and the grayscale version is **76.7185, 80.7139, 87.8974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9960, 45.8209, 60.1624** is the 20% darker color. If you saturate the color by 10%, you get **66.4202, 77.2124, 106.0105**, and if you desaturate by 10%, it is **83.6940, 91.2460, 107.8088**.

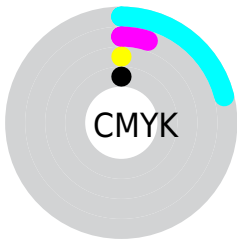
Distribution



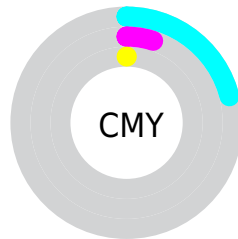
- Red (79%)
- Green (95%)
- Blue (100%)



- 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 74.4577, 83.8777, 106.8734 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 74.4577, 83.8777, 106.8734 by changing the saturation by 10% instead.

74.4577, 83.8777,
106.8734

74.4577, 83.8777,
106.8734

465.0775,
507.9070, 603.4457

55.4613, 62.9145,
81.4043

124.5364,
138.8041, 172.7052

40.0065, 45.7720,
60.3417

156.3495,
173.5360, 213.9049

27.7279, 32.0660,
43.2670

193.1656,
213.6263, 261.1853

18.2600, 21.4119,
29.7617

235.3499,
259.4594, 314.9649

11.2376, 13.4254,
19.4073

283.2679,
311.4196, 375.6621

6.2954, 7.7221,
11.7852

337.2850,

3.0679, 3.9177,

369.8913, 443.6957

6.4768

397.7664,
435.2590, 519.4840

■ 1.1898, 1.6276,
3.0637

■ 0.0983, 0.3761,
1.1272

■ 74.4577, 83.8777,
106.8734

■ 74.4577, 83.8777,
106.8734

■ 66.4202, 77.2124,
106.0105

■ 83.6940, 91.2460,
107.8088

■ 59.5183, 71.2102,
105.2157

■ 94.1750, 99.3351,
108.8178

■ 53.6932, 65.8422,
104.4866

■ 95.0500, 100.0000,
108.9000

■ 48.8777, 61.0731,
103.8199

■ 44.9967, 56.8634,
103.2119

■ 41.9643, 53.1681,
102.6585

■ 39.6775, 49.9331,
102.1546

■ 38.0809, 47.2817,
101.7270

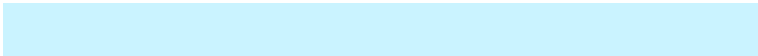
Harmonies

Analogous

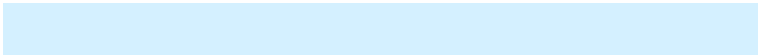
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7027, 83.8777, 96.4732



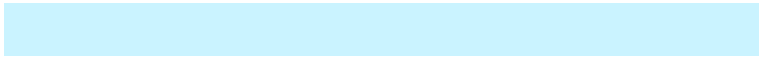
74.4577, 83.8777, 106.8734



77.6502, 83.8777, 113.3727

Triad

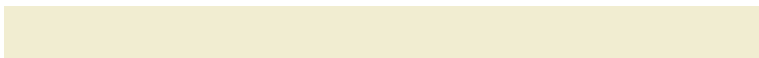
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4577, 83.8777, 106.8734



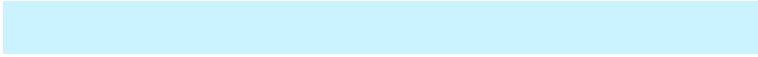
87.0886, 83.8777, 97.4498



77.9726, 83.8777, 72.1298

Complementary

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



74.4577, 83.8777, 106.8734



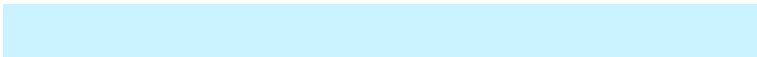
75.9471, 73.6165, 66.0854

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.



81.8329, 83.8777, 72.3449



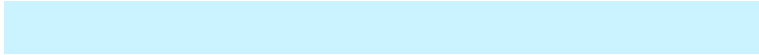
74.4577, 83.8777, 106.8734



87.1818, 83.8777, 86.3702

Square

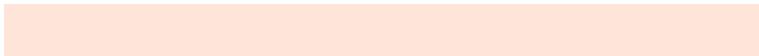
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4577, 83.8777, 106.8734



84.9808, 83.8777, 107.6381



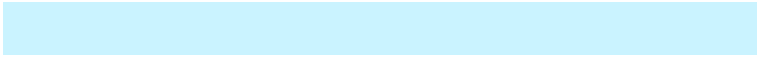
85.2313, 83.8777, 77.3692



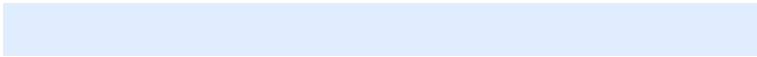
74.6871, 83.8777, 76.7558

Rectangle

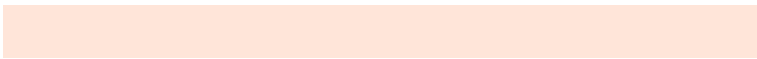
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4577, 83.8777, 106.8734



80.2043, 83.8777, 114.3151



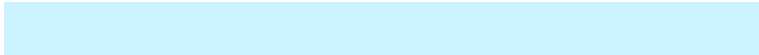
85.2313, 83.8777, 77.3692



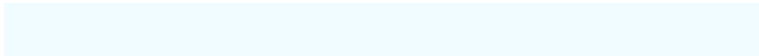
79.2441, 83.8777, 71.6505

Sweetspot

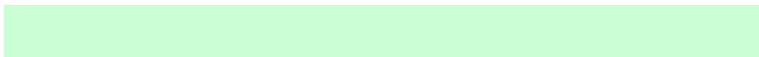
The Sweet Spot groups the original color and five complimentary colors.



74.4599, 83.8810, 106.8739



88.5486, 95.0232, 108.2820



72.1899, 88.9057, 76.6301



18.8075, 20.2264, 23.1628



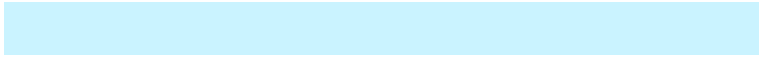
0.0000, 0.0000, 0.0000



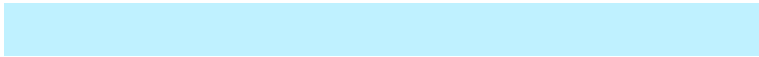
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4599, 83.8810, 106.8739



70.9273, 80.9858, 106.5013



67.2256, 69.4123, 104.4625



18.1857, 19.7430, 23.1022



20.0156, 24.9409, 53.1937



2.0301, 2.5909, 5.2064

Inverse Universe

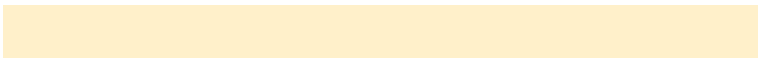
The Inverse Universe completely reimagines the original color for something new.



78.5396, 69.9737, 94.1646



75.7385, 64.9560, 91.4295



83.0564, 87.8352, 68.4552



18.6064, 18.2259, 21.8104



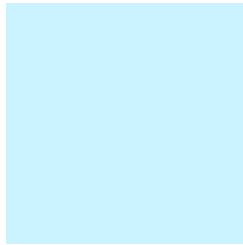
26.8912, 13.2458, 29.1411



2.6593, 1.3061, 3.0533

Previews

White Background



This preview shows how the XYZ color 74.4577, 83.8777, 106.8734 looks on a white background.

Color Contrast Check

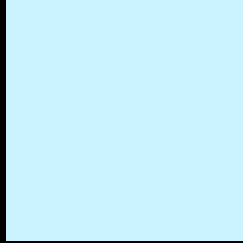
Large Text (above 18pt) WCAG AA × Fail

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 74.4577, 83.8777, 106.8734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

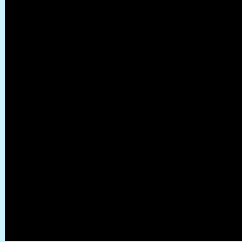
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4577, 83.8777, 106.8734

Background



This preview shows how black text looks on a background with the XYZ color 74.4577, 83.8777, 106.8734.



This preview shows how white text looks on a background with the XYZ color 74.4577, 83.8777,

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

74.4577, 83.8777, 106.8734

Protanopia

81.2702, 83.5806, 102.2918

Deuteranopia

84.3529, 83.4065, 106.2609



Tritanopia

76.3615, 83.5372, 106.7074

Trichromacy



Original Color

74.4577, 83.8777, 106.8734

Protanomaly

78.5953, 83.4439, 104.0593

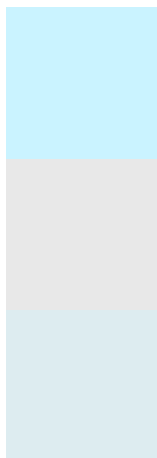
Deuteranomaly

80.3915, 83.4597, 106.4800

Tritanomaly

75.5177, 83.5405, 106.7525

Monochromacy



Original Color

74.4577, 83.8777, 106.8734

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 74.4577, 83.8777, 106.8734 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(202, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4577, 83.8777, 106.8734 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(202, 243, 255) }
```


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

```
.border{ border-color:rgb(202, 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(202, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4577, 83.8777, 106.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 243, 255) }
```

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

```
.background{ background-color: rgb(202,  
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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