

Converting Colors

XYZ(81.0410, 88.9896,
141.1151)

Have a look what the booklet for
XYZ(81.0410, 88.9896, 141.1151)
contains.

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Color

**XYZ(74.3824, 86.0906,
107.3045)**

Conversions

Conversions Part 1	
Format	Color
Hex	C4F8FF
RGB	196, 248, 255
RGB Percent	77%, 97%, 100%
CMY	0.2314, 0.0274, 0.0000
CMYK	0.23, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 23%, 100%
XYZ	74.3824, 86.0906, 107.3045
YIQ	233.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

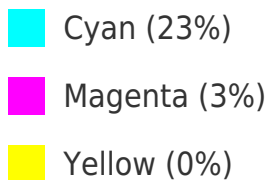
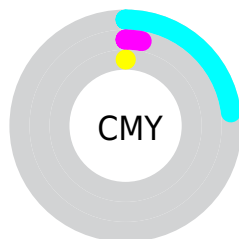
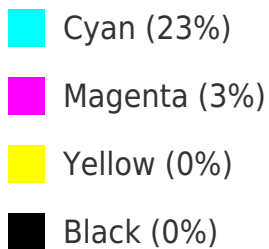
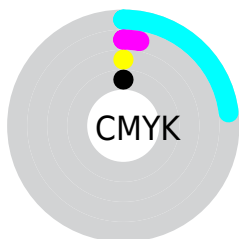
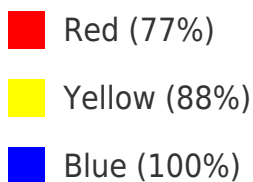
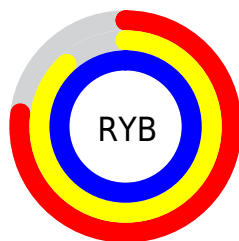
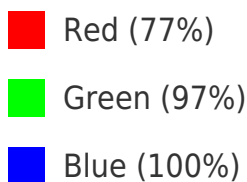
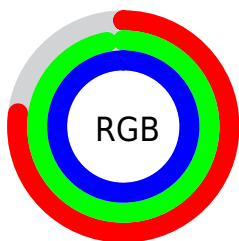
Format	Color
RYB	196, 224, 255
Decimal	12908799
CIELab	94.35, -14.89, -8.77
CIELCh	94, 17.276, 210.501
Yxy	86.0906, 0.2778, 0.3215
Android (android.graphics.Color)	4291098879 (0xFFC4F8FF)
YUV	233.2500, 10.7227, -32.6683
Hunter-Lab	92.7850, -19.2768, -3.6185

Details

The XYZ color **74.3824, 86.0906, 107.3045** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5597, 67.9567, 61.5191**, and the grayscale version is **77.5820, 81.6223, 88.8867**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **40.0272, 47.4392, 60.4731** is the 20% darker color. If you saturate the color by 10%, you get **67.3833, 81.1158, 106.7132**, and if you desaturate by 10%, it is **82.5283, 91.6833, 107.9547**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3824, 86.0906, 107.3045 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 74.3824, 86.0906, 107.3045 by changing the saturation by 10% instead.

 74.3824, 86.0906,
107.3045

 74.3824, 86.0906,
107.3045


464.8221,
515.2299, 604.8118

 55.3995, 64.7429,
81.7639


124.4303,
141.8959, 173.2987

 39.9567, 47.2526,
60.6363


156.2260,
177.1223, 214.5894

 27.6889, 33.2354,
43.5030


193.0234,
217.7437, 261.9672

 18.2305, 22.3068,
29.9457

235.1877,
264.1446, 315.8506

 11.2163, 14.0825,
19.5457

283.0844,
316.7092, 376.6583

 6.2809, 8.1781,
11.8844


337.0788,


 3.0589, 4.2091,


375.8220, 444.8087


6.5434


397.5362,
441.8675, 520.7203

 1.1850, 1.7912,
3.1042

 0.0945, 0.4817,
1.1481


 74.3824, 86.0906,
107.3045

 74.3824, 86.0906,
107.3045


 67.3833, 81.1158,
106.7132


 82.5283, 91.6833,
107.9547

 61.4672, 76.7193,
106.1764

 91.8671, 97.9112,
108.6646

 56.5743, 72.8723,
105.6917

 95.0500, 100.0000,
108.9000

 52.6362, 69.5395,
105.2560

■ 49.5762, 66.6813,
104.8656

■ 47.3054, 64.2517,
104.5163

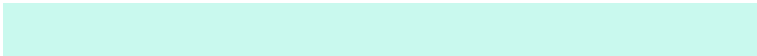
■ 45.7158, 62.1949,
104.2031

■ 44.9118, 60.9436,
104.0039

Harmonies

Analogous

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



73.2309, 86.0906, 93.9615



74.3824, 86.0906, 107.3045



77.5144, 86.0906, 117.7647

Triad

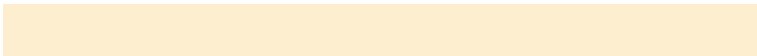
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3824, 86.0906, 107.3045



89.8344, 86.0906, 106.8818



81.7486, 86.0906, 70.4530

Complementary

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



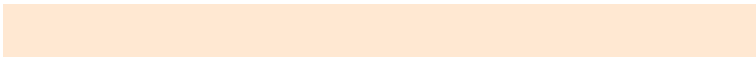
74.3824, 86.0906, 107.3045



72.5597, 67.9567, 61.5191

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.



86.2957, 86.0906, 73.2240



74.3824, 86.0906, 107.3045



91.0697, 86.0906, 93.5149

Square

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



74.3824, 86.0906, 107.3045



86.4357, 86.0906, 117.5049



89.7515, 86.0906, 81.3661



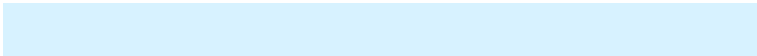
77.3842, 86.0906, 73.4136

Rectangle

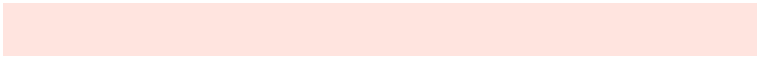
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3824, 86.0906, 107.3045



80.3640, 86.0906, 121.2448



89.7515, 86.0906, 81.3661



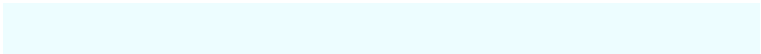
83.3067, 86.0906, 70.7420

Sweetspot

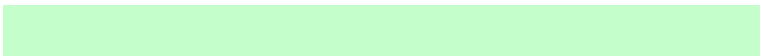
The Sweet Spot groups the original color and five complimentary colors.



74.3847, 86.0940, 107.3051



88.1137, 95.4274, 108.3830



69.2917, 87.5625, 69.6780



18.7380, 20.3442, 23.1892



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.



74.3847, 86.0940, 107.3051



70.8400, 83.5981, 107.0101



66.0479, 69.4204, 104.5261



18.3602, 20.0920, 23.1604



23.5403, 31.9903, 54.3686



2.3418, 3.2143, 5.3103

Inverse Universe

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



77.9247, 67.5189, 97.7363



75.0142, 62.0617, 95.6448



80.1691, 83.1756, 64.0555



18.6945, 18.2611, 22.2741



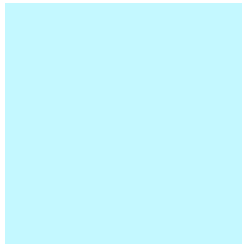
28.6703, 13.9574, 38.5097



2.8166, 1.3690, 3.8818

Previews

White Background



This preview shows how the XYZ color 74.3824, 86.0906, 107.3045 looks on a white background.

Color Contrast Check

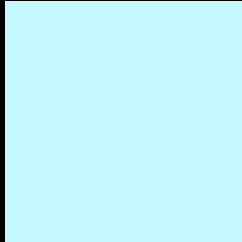
Large Text (above 18pt) WCAG AA × Fail

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 74.3824, 86.0906, 107.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

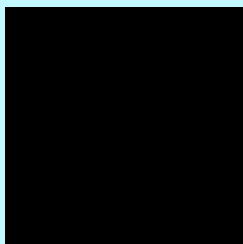
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3824, 86.0906, 107.3045

Background



This preview shows how black text looks on a background with the XYZ color 74.3824, 86.0906, 107.3045.

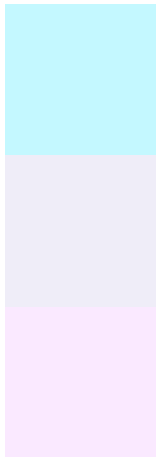


This preview shows how white text looks on a background with the XYZ color 74.3824, 86.0906,

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

74.3824, 86.0906, 107.3045

Protanopia

82.8241, 85.6964, 100.9827

Deuteranopia

86.6133, 85.8218, 106.6080



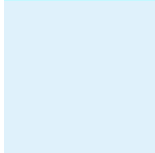
Tritanopia

78.4195, 85.9201, 107.0588

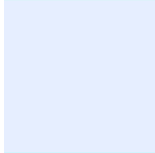
Trichromacy



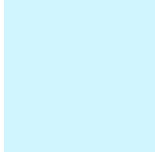
Original Color
74.3824, 86.0906, 107.3045



Protanomaly
79.2993, 85.5636, 103.6027



Deuteranomaly
81.2577, 85.1921, 106.7687

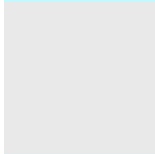


Tritanomaly
76.9969, 86.0801, 107.1647

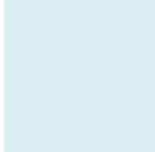
Monochromacy



Original Color
74.3824, 86.0906, 107.3045



Achromatopsia
77.4512, 81.4847, 88.7368



Achromatomaly
75.9669, 82.7156, 95.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3824, 86.0906, 107.3045 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(196, 248, 255) looks like.

```
.text, #text, p{  
    color:rgb(196, 248, 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(196, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3824, 86.0906, 107.3045 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(196, 248, 255) }
```

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

```
.border{ border-color:rgb(196, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3824, 86.0906, 107.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 248, 255) }
```

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

```
.background{ background-color: rgb(196,  
248, 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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