

Converting Colors

XYZ(74.7294, 86.6494,
107.3941)

Have a look what the booklet for
XYZ(74.7294, 86.6494, 107.3941)
contains.

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Color

**XYZ(74.6906, 86.7071,
107.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F9FF
RGB	196, 249, 255
RGB Percent	77%, 98%, 100%
CMY	0.2314, 0.0235, 0.0000
CMYK	0.23, 0.02, 0.00, 0.00
HSL	186°, 100%, 88%
HSV	186°, 23%, 100%
XYZ	74.6906, 86.7071, 107.4073
YIQ	233.8370, -33.5140, -9.3700

Conversions

Conversions Part 2

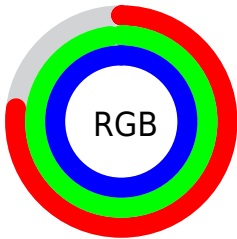
Format	Color
R_{YB}	196, 224, 255
Decimal	12909055
CIE Lab	94.61, -15.38, -8.38
CIE LCh	95, 17.516, 208.577
Yxy	86.7071, 0.2779, 0.3226
Android (android.graphics.Color)	4291099135 (0xFFC4F9FF)
YUV	233.8370, 10.4334, -33.1830
Hunter-Lab	93.1166, -19.7760, -3.2076

Details

The XYZ color **74.6906, 86.7071, 107.4073** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3242, 67.4858, 61.4404**, and the grayscale version is **78.0271, 82.0906, 89.3966**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **40.2475, 47.8799, 60.5465** is the 20% darker color. If you saturate the color by 10%, you get **67.8182, 81.9856, 106.8582**, and if you desaturate by 10%, it is **82.7058, 92.0386, 108.0139**.

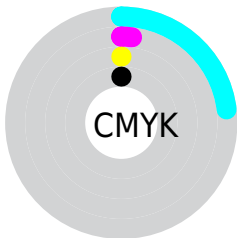
Distribution



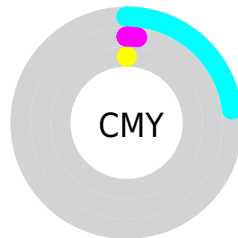
- Red (77%)
- Green (98%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6906, 86.7071, 107.4073 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 74.6906, 86.7071, 107.4073 by changing the saturation by 10% instead.

74.6906, 86.7071,
107.4073

74.6906, 86.7071,
107.4073

465.8670,
517.2599, 605.1374

55.6527, 65.2528,
81.8497

124.8645,
142.7558, 173.4402

40.1605, 47.6661,
60.7065

156.7313,
178.1191, 214.7526

27.8485, 33.5626,
43.5594

193.6052,
218.8874, 262.1536

18.3513, 22.5578,
29.9896

235.8514,
265.4453, 316.0618

11.3037, 14.2673,
19.5787

283.8353,
318.1771, 376.8957

6.3403, 8.3068,
11.9081

337.9223,

3.0957, 4.2919,

377.4672, 445.0739

6.5594

398.4778,
443.7000, 521.0150

■ 1.2046, 1.8381,
3.1139

■ 0.1100, 0.5108,
1.1531

■ 74.6906, 86.7071,
107.4073

■ 74.6906, 86.7071,
107.4073

■ 67.8182, 81.9856,
106.8582

■ 82.7058, 92.0386,
108.0139

■ 62.0248, 77.8345,
106.3623

■ 91.9101, 97.9973,
108.6789

■ 57.2507, 74.2251,
105.9172

95.0500, 100.0000,
108.9000

■ 53.4276, 71.1222,
105.5198

■ 50.4786, 68.4860,
105.1664

■ 48.3150, 66.2708,
104.8528

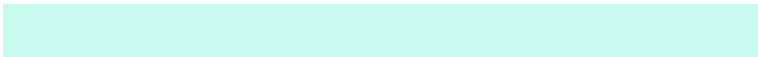
■ 46.8287, 64.4208,
104.5741

■ 46.0936, 63.3071,
104.3979

Harmonies

Analogous

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



73.6617, 86.7071, 93.7650



74.6906, 86.7071, 107.4073



77.7672, 86.7071, 118.3928

Triad

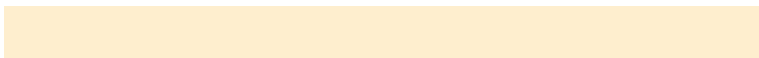
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6906, 86.7071, 107.4073



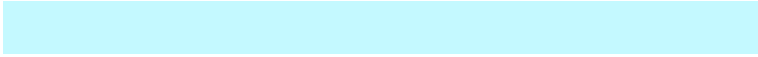
90.4090, 86.7071, 108.6309



82.6382, 86.7071, 70.7188

Complementary

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



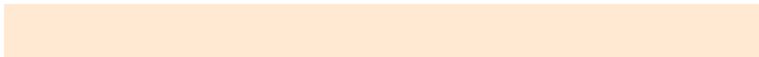
74.6906, 86.7071, 107.4073



72.3242, 67.4858, 61.4404

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.



87.2392, 86.7071, 73.9054



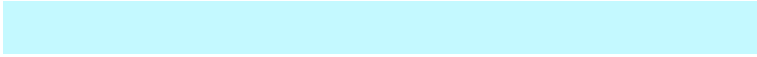
74.6906, 86.7071, 107.4073



91.8303, 86.7071, 95.0565

Square

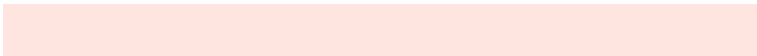
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6906, 86.7071, 107.4073



86.8341, 86.7071, 119.1453



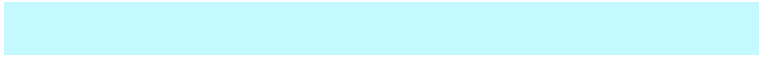
90.6491, 86.7071, 82.5047



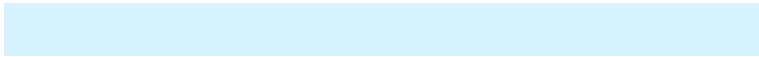
78.1436, 86.7071, 73.3582

Rectangle

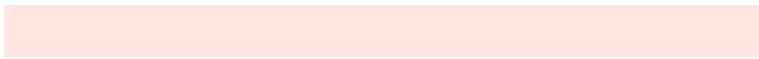
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6906, 86.7071, 107.4073



80.6267, 86.7071, 122.2716



90.6491, 86.7071, 82.5047



84.2244, 86.7071, 71.1380

Sweetspot

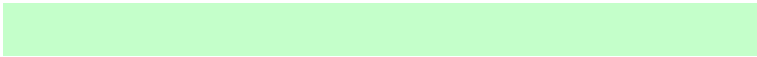
The Sweet Spot groups the original color and five complimentary colors.



74.6929, 86.7105, 107.4078



88.2092, 95.6185, 108.4148



69.1748, 87.5158, 69.0630



18.7602, 20.3886, 23.1966



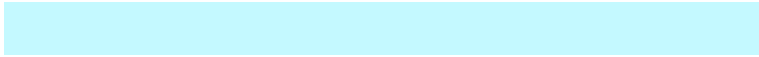
0.0000, 0.0000, 0.0000



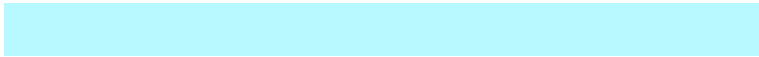
20.3446, 21.4041, 23.3091

Same Dimension

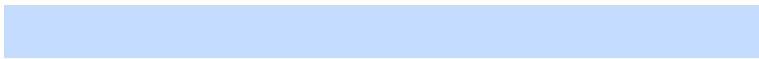
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6929, 86.7105, 107.4078



71.2104, 84.3388, 107.1336



66.3045, 69.9337, 104.6117



18.3879, 20.1473, 23.1696



24.1490, 33.2075, 54.5715



2.3949, 3.3205, 5.3280

Inverse Universe

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



78.0802, 67.5810, 98.5557



75.2012, 62.1365, 96.6293



79.8924, 82.6223, 63.9632



18.7084, 18.2667, 22.3477



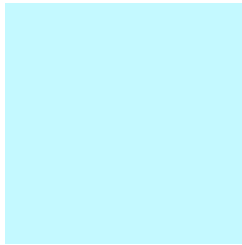
28.9775, 14.0803, 40.1275



2.8435, 1.3798, 4.0230

Previews

White Background



This preview shows how the XYZ color 74.6906, 86.7071, 107.4073 looks on a white background.

Color Contrast Check

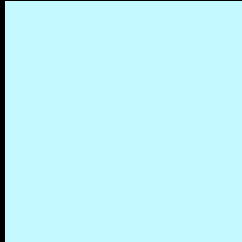
Large Text (above 18pt) WCAG AA × Fail

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 74.6906, 86.7071, 107.4073 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 74.6906, 86.7071, 107.4073

Background



This preview shows how black text looks on a background with the XYZ color 74.6906, 86.7071, 107.4073.

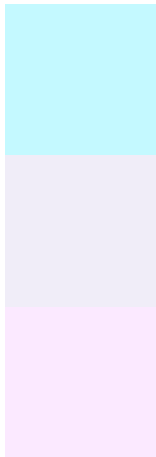


This preview shows how white text looks on a background with the XYZ color 74.6906, 86.7071,

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

74.6906, 86.7071, 107.4073

Protanopia

83.1626, 85.8709, 100.9985

Deuteranopia

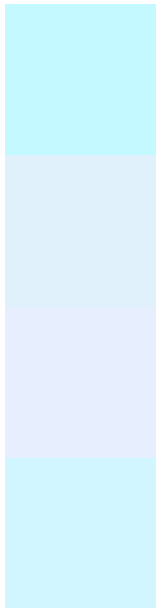
86.9726, 86.0071, 106.6248



Tritanopia

79.0160, 86.6731, 107.1727

Trichromacy



Original Color

74.6906, 86.7071, 107.4073

Protanomaly

79.6084, 85.7229, 103.6172

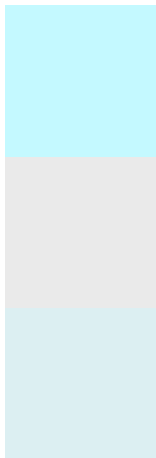
Deuteranomaly

81.8715, 85.9419, 106.8811

Tritanomaly

77.3003, 86.6868, 107.2658

Monochromacy



Original Color

74.6906, 86.7071, 107.4073

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.4087, 83.3595, 96.0672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6906, 86.7071, 107.4073 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 249, 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, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6906, 86.7071, 107.4073 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, 249, 255) }
```


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

```
.border{ border-color:rgb(196, 249, 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, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6906, 86.7071, 107.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 249, 255) }
```

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

```
.background{ background-color: rgb(196,  
249, 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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