

Converting Colors

XYZ(74.0762, 88.7355,
106.9920)

Have a look what the booklet for
XYZ(74.0762, 88.7355, 106.9920)
contains.

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Color

**XYZ(74.0702, 88.7307,
106.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFEFE
RGB	188, 254, 254
RGB Percent	74%, 100%, 100%
CMY	0.2627, 0.0039, 0.0039
CMYK	0.26, 0.00, 0.00, 0.00
HSL	180°, 97%, 87%
HSV	180°, 26%, 100%
XYZ	74.0702, 88.7307, 106.9888
YIQ	234.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

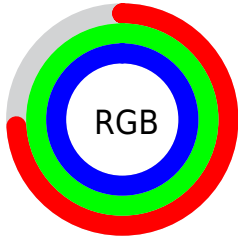
Format	Color
R _Y B	188, 221, 254
Decimal	12386046
CIE Lab	95.47, -20.34, -6.65
CIE LCh	95, 21.402, 198.095
Yxy	88.7307, 0.2745, 0.3289
Android (android.graphics.Color)	4290576126 (0xFFBCFEFE)
YUV	234.2660, 9.7289, -40.5753
Hunter-Lab	94.1970, -24.4842, -1.4036

Details

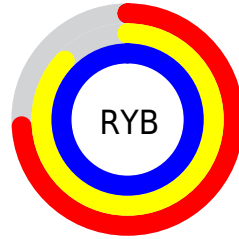
The XYZ color **74.0702, 88.7307, 106.9888** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.9364, 60.6706, 55.7103**, and the grayscale version is **78.3602, 82.4410, 89.7783**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **39.7172, 48.9503, 60.1784** is the 20% darker color. If you saturate the color by 10%, you get **68.3558, 85.7871, 106.7223**, and if you desaturate by 10%, it is **80.8910, 92.2492, 107.3109**.

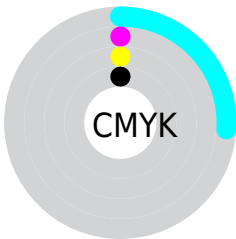
Distribution



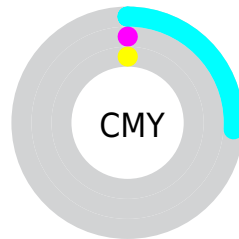
- Red (74%)
- Green (100%)
- Blue (100%)



- Red (74%)
- Yellow (87%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0702, 88.7307, 106.9888 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 74.0702, 88.7307, 106.9888 by changing the saturation by 10% instead.

74.0702, 88.7307,
106.9888

74.0702, 88.7307,
106.9888

463.7622,
523.8932, 603.8115

55.1430, 66.9284,
81.5006

123.9903,
145.5740, 172.8641

39.7505, 49.0264,
60.4205

155.7139,
181.3838, 214.0882

27.5274, 34.6404,
43.3302

192.4336,
222.6315, 261.3947

18.1084, 23.3860,
29.8109

234.5149,
269.7016, 315.2020

11.1280, 14.8788,
19.4443

282.3230,
322.9784, 375.9289

6.2209, 8.7344,
11.8117

336.2233,

3.0218, 4.5683,

382.8463, 443.9937

6.4946

396.5813,
449.6898, 519.8151

■ 1.1653, 1.9963,
3.0745

■ 0.0787, 0.6053,
1.1328

■ 74.0702, 88.7307,
106.9888

■ 74.0702, 88.7307,
106.9888

■ 68.3558, 85.7871,
106.7223

■ 80.8910, 92.2492,
107.3109

■ 63.6823, 83.3778,
106.5026

■ 88.8638, 96.3593,
107.6850

■ 59.9893, 81.4741,
106.3288

■ 94.5736, 99.3028,
107.9531

■ 57.2071, 80.0398,
106.1977

■ 94.5738, 99.3028,
107.9541

■ 55.2566, 79.0343, 94.5739, 99.3029,
106.1054 107.9551

■ 54.0456, 78.4100, 94.5741, 99.3030,
106.0478 107.9560

■ 53.4594, 78.1078, 94.5743, 99.3031,
106.0194 107.9570

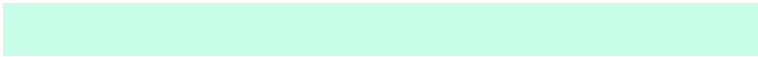
■ 53.3316, 78.0420, 94.5745, 99.3031,
106.0130 107.9580

94.5747, 99.3032,
107.9590

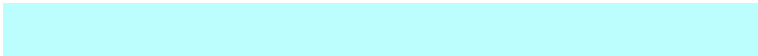
Harmonies

Analogous

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



73.7817, 88.7307, 90.1062



74.0702, 88.7307, 106.9888



77.0303, 88.7307, 122.6814

Triad

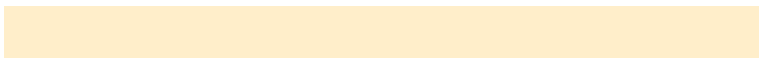
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0702, 88.7307, 106.9888



93.0051, 88.7307, 119.8135



86.6821, 88.7307, 68.3461

Complementary

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



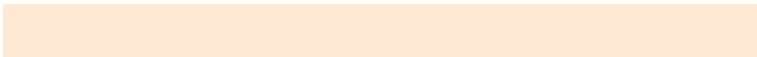
74.0702, 88.7307, 106.9888



67.9364, 60.6706, 55.7103

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.



92.0894, 88.7307, 74.5260



74.0702, 88.7307, 106.9888



95.8514, 88.7307, 103.4250

Square

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



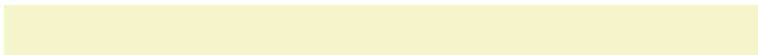
74.0702, 88.7307, 106.9888



87.8851, 88.7307, 130.6558



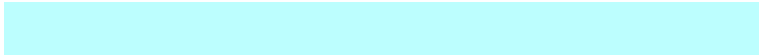
95.5087, 88.7307, 86.9300



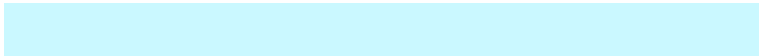
80.8835, 88.7307, 69.0649

Rectangle

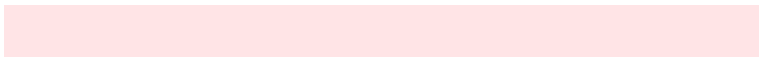
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0702, 88.7307, 106.9888



80.2008, 88.7307, 129.7606



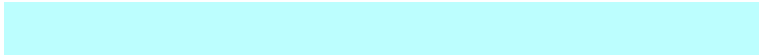
95.5087, 88.7307, 86.9300



88.6106, 88.7307, 69.6532

Sweetspot

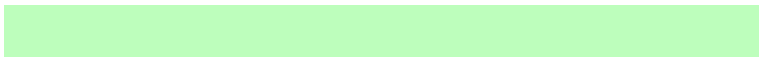
The Sweet Spot groups the original color and five complimentary colors.



74.0728, 88.7343, 106.9908



87.9389, 96.3341, 108.5664



65.5326, 85.3496, 60.5988



18.5549, 20.4815, 23.2251



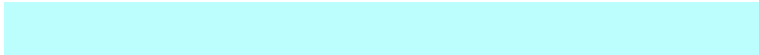
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

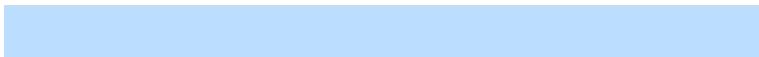
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0728, 88.7343, 106.9908



71.7026, 87.9640, 107.8043



64.7788, 70.1456, 103.8952



18.5549, 20.4815, 23.2251



28.1159, 41.1430, 55.8891



2.7376, 4.0060, 5.4418

Inverse Universe

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



67.9364, 60.6706, 55.7103



64.5874, 55.4238, 48.3440



75.5202, 75.8387, 58.2366



18.0095, 17.9871, 18.6672



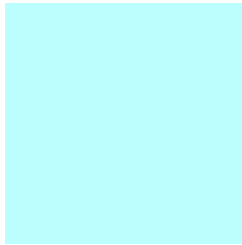
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 74.0702, 88.7307, 106.9888 looks on a white background.

Color Contrast Check

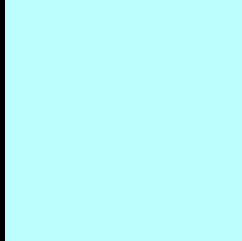
Large Text (above 18pt) WCAG AA × Fail

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 74.0702, 88.7307, 106.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

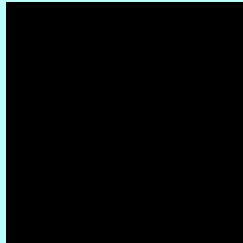
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0702, 88.7307, 106.9888

Background



This preview shows how black text looks on a background with the XYZ color 74.0702, 88.7307, 106.9888.

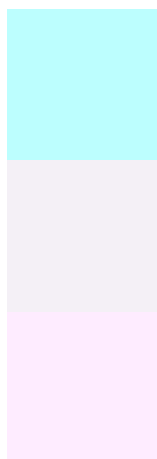


This preview shows how white text looks on a background with the XYZ color 74.0702, 88.7307,

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

74.0702, 88.7307, 106.9888

Protanopia

85.1029, 88.2071, 99.7290

Deuteranopia

88.9185, 88.2817, 106.9613



Tritanopia

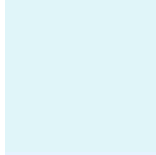
80.8246, 88.5037, 107.4308

Trichromacy



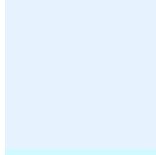
Original Color

74.0702, 88.7307, 106.9888



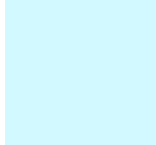
Protanomaly

80.4918, 87.9917, 102.3643



Deuteranomaly

82.7337, 88.1442, 107.2607



Tritanomaly

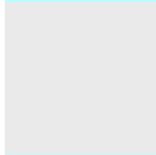
78.2202, 88.5267, 107.5725

Monochromacy



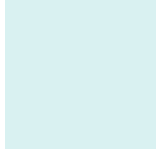
Original Color

74.0702, 88.7307, 106.9888



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9478, 84.0132, 95.4324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0702, 88.7307, 106.9888 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(188, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(188, 254, 254)  
}
```

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(188, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.0702, 88.7307, 106.9888 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(188, 254, 254) }
```


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

```
.border{ border-color:rgb(188, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(188, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0702, 88.7307, 106.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 254, 254) }
```

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

```
.background{ background-color: rgb(188,  
254, 254) }
```

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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