

Converting Colors

XYZ(74.7511, 89.0106,
106.8858)

Have a look what the booklet for
XYZ(74.7511, 89.0106, 106.8858)
contains.

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Color

**XYZ(74.8171, 89.1157,
107.0237)**

Conversions

Conversions Part 1

Format	Color
Hex	BF FE FE
RGB	191, 254, 254
RGB Percent	75%, 100%, 100%
CMY	0.2510, 0.0039, 0.0039
CMYK	0.25, 0.00, 0.00, 0.00
HSL	180°, 97%, 87%
HSV	180°, 25%, 100%
XYZ	74.8171, 89.1157, 107.0237
YIQ	235.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

Format	Color
R _Y B	191, 223, 254
Decimal	12582654
CIE Lab	95.63, -19.50, -6.39
CIE LCh	96, 20.517, 198.151
Yxy	89.1157, 0.2761, 0.3289
Android (android.graphics.Color)	4290772734 (0xFFBFFEF0)
YUV	235.1630, 9.2866, -38.7310
Hunter-Lab	94.4011, -23.7327, -1.1370

Details

The XYZ color **74.8171, 89.1157, 107.0237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.9110, 62.0967, 57.6478**, and the grayscale version is **79.0439, 83.1603, 90.5616**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **40.1976, 49.1980, 60.2008** is the 20% darker color. If you saturate the color by 10%, you get **68.9756, 86.1066, 106.7512**, and if you desaturate by 10%, it is **81.7716, 92.7031, 107.3521**.

Distribution



- Red (75%)
- Green (100%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8171, 89.1157, 107.0237 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 74.8171, 89.1157, 107.0237 by changing the saturation by 10% instead.

74.8171, 89.1157,
107.0237

74.8171, 89.1157,
107.0237

466.2956,
525.1500, 603.9221

55.7567, 67.2474,
81.5297

125.0427,
146.1095, 172.9121

40.2441, 49.2857,
60.4444

156.9387,
182.0037, 214.1436

27.9140, 34.8462,
43.3493

193.8438,
223.3422, 261.4580

18.4010, 23.5444,
29.8258

236.1236,
270.5091, 315.2738

11.3397, 14.9960,
19.4555

284.1433,
323.8890, 376.0095

6.3648, 8.8166,
11.8197

338.2683,

3.1109, 4.6217,

383.8662, 444.0838

6.5000

398.8639,
450.8250, 519.9152

■ 1.2127, 2.0271,
3.0778

■ 0.1163, 0.6231,
1.1345

■ 74.8171, 89.1157,
107.0237

■ 74.8171, 89.1157,
107.0237

■ 68.9756, 86.1066,
106.7512

■ 81.7716, 92.7031,
107.3521

■ 64.1820, 83.6354,
106.5259

■ 89.8842, 96.8853,
107.7328

■ 60.3766, 81.6737,
106.3468

■ 94.5736, 99.3027,
107.9532

■ 57.4907, 80.1860,
106.2107

■ 94.5738, 99.3028,
107.9543

■ 55.4464, 79.1321, 94.5740, 99.3029,
106.1140 107.9553

■ 54.1535, 78.4656, 94.5742, 99.3030,
106.0525 107.9563

■ 53.5006, 78.1291, 94.5743, 99.3030,
106.0209 107.9573

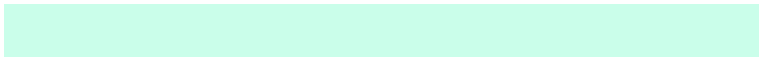
■ 53.3315, 78.0419, 94.5745, 99.3031,
106.0125 107.9583

94.5747, 99.3032,
107.9594

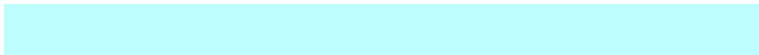
Harmonies

Analogous

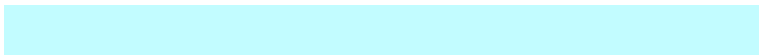
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5336, 89.1157, 90.7985



74.8171, 89.1157, 107.0237



77.6764, 89.1157, 122.0320

Triad

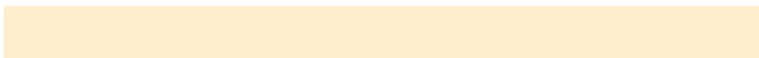
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8171, 89.1157, 107.0237



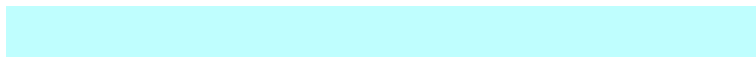
93.0323, 89.1157, 119.2427



86.9462, 89.1157, 69.7196

Complementary

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



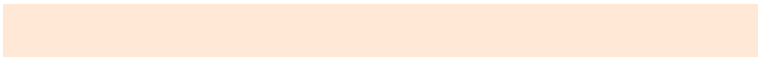
74.8171, 89.1157, 107.0237



68.9110, 62.0967, 57.6478

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.



92.1385, 89.1157, 75.7029



74.8171, 89.1157, 107.0237



95.7551, 89.1157, 103.5441

Square

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



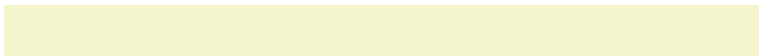
74.8171, 89.1157, 107.0237



88.1224, 89.1157, 129.6075



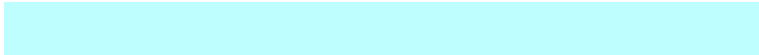
95.4209, 89.1157, 87.6821



81.3709, 89.1157, 70.4303

Rectangle

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



74.8171, 89.1157, 107.0237



80.7329, 89.1157, 128.7787



95.4209, 89.1157, 87.6821



88.7986, 89.1157, 70.9849

Sweetspot

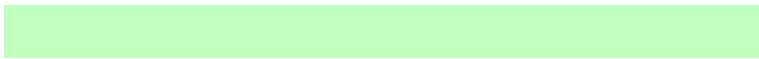
The Sweet Spot groups the original color and five complimentary colors.



74.8197, 89.1193, 107.0257



88.7850, 96.7703, 108.6061



66.5994, 85.8618, 62.3550



18.8940, 20.6563, 23.2410



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.



74.8197, 89.1193, 107.0257



72.2845, 88.2640, 107.8315



65.9128, 71.3048, 104.0591



18.5549, 20.4815, 23.2251



28.1159, 41.1429, 55.8888



2.7376, 4.0059, 5.4418

Inverse Universe

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



68.9110, 62.0967, 57.6478



65.3466, 56.5348, 49.8533



76.2556, 76.7865, 60.0943



18.0095, 17.9871, 18.6672



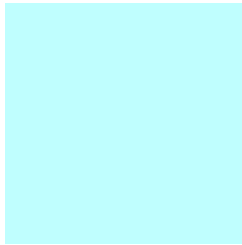
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 74.8171, 89.1157, 107.0237 looks on a white background.

Color Contrast Check

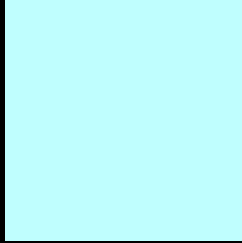
Large Text (above 18pt) WCAG AA × Fail

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 74.8171, 89.1157, 107.0237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

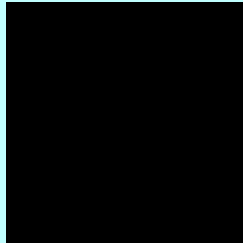
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8171, 89.1157, 107.0237

Background



This preview shows how black text looks on a background with the XYZ color 74.8171, 89.1157, 107.0237.

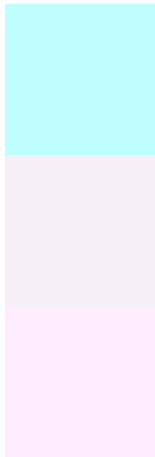


This preview shows how white text looks on a background with the XYZ color 74.8171, 89.1157,

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

74.8171, 89.1157, 107.0237

Protanopia

85.4508, 88.3865, 99.7453

Deuteranopia

89.2855, 88.4709, 106.9785



Tritanopia

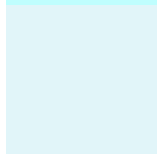
81.4372, 88.8195, 107.4594

Trichromacy



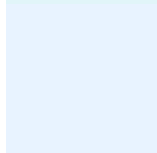
Original Color

74.8171, 89.1157, 107.0237



Protanomaly

80.8026, 88.1519, 102.3788



Deuteranomaly

83.3793, 88.4770, 107.2909



Tritanomaly

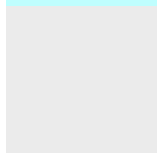
78.7897, 88.8202, 107.5991

Monochromacy



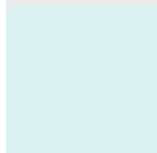
Original Color

74.8171, 89.1157, 107.0237



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.9926, 84.9751, 96.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8171, 89.1157, 107.0237 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(191, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.8171, 89.1157, 107.0237 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(191, 254, 254) }
```


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

```
.border{ border-color:rgb(191, 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(191, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8171, 89.1157, 107.0237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 254, 254) }
```

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

```
.background{ background-color: rgb(191,  
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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