

# Converting Colors

XYZ(75.5975, 89.3642,  
107.8723)

Have a look what the booklet for  
XYZ(75.5975, 89.3642, 107.8723)  
contains.

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# Color

**XYZ(75.7399, 89.5730,  
107.9051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2FEFF
RGB	194, 254, 255
RGB Percent	76%, 100%, 100%
CMY	0.2392, 0.0039, 0.0000
CMYK	0.24, 0.00, 0.00, 0.00
HSL	181°, 100%, 88%
HSV	181°, 24%, 100%
XYZ	75.7399, 89.5730, 107.9051
YIQ	236.1740, -36.0810, -12.4090

# Conversions

## Conversions Part 2

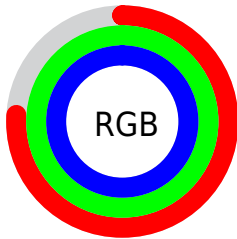
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 224, 255
Decimal	12779263
CIE <sub>Lab</sub>	95.82, -18.43, -6.61
CIE <sub>LCh</sub>	96, 19.576, 199.726
Yxy	89.5730, 0.2772, 0.3278
Android (android.graphics.Color)	4290969343 (0xFFC2FEFF)
YUV	236.1740, 9.2812, -36.9866
Hunter-Lab	94.6430, -22.7772, -1.3480

# Details

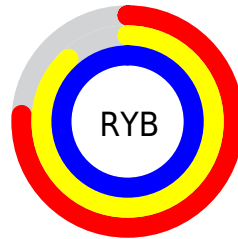
The XYZ color **75.7399, 89.5730, 107.9051** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4925, 64.1843, 59.7140**, and the grayscale version is **79.8150, 83.9716, 91.4450**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **40.8068, 49.4987, 60.8295** is the 20% darker color. If you saturate the color by 10%, you get **69.6172, 86.2232, 107.5813**, and if you desaturate by 10%, it is **82.9905, 93.5093, 108.2828**.

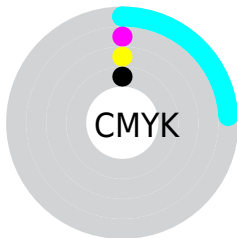
# Distribution



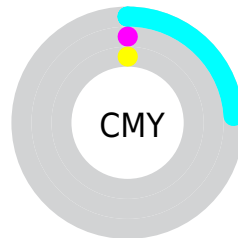
- Red (76%)
- Green (100%)
- Blue (100%)



- Red (76%)
- Yellow (88%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7399, 89.5730, 107.9051 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 75.7399, 89.5730, 107.9051 by changing the saturation by 10% instead.



75.7399, 89.5730,  
107.9051

75.7399, 89.5730,  
107.9051

469.4149,  
526.6409, 606.7125

56.5156, 67.6265,  
82.2650

126.3415,  
146.7451, 174.1252

40.8550, 49.5940,  
61.0469

158.4495,  
182.7396, 215.5424

28.3930, 35.0909,  
43.8323

195.5827,  
224.1855, 263.0556

18.7641, 23.7329,  
30.2024

238.1065,  
271.4673, 317.0835

11.6029, 15.1356,  
19.7389

286.3863,  
324.9693, 378.0446

6.5442, 8.9146,  
12.0232

340.7874,

3.2225, 4.6855,

385.0760, 446.3574

6.6368

401.6751,  
452.1717, 522.4405

■ 1.2725, 2.0640,  
3.1610

■ 0.1625, 0.6442,  
1.1774

■ 75.7399, 89.5730,  
107.9051

■ 75.7399, 89.5730,  
107.9051

■ 69.6172, 86.2232,  
107.5813

■ 82.9905, 93.5093,  
108.2828

■ 64.5581, 83.4198,  
107.3068

■ 91.4151, 98.0490,  
108.7150

■ 60.5025, 81.1342,  
107.0794

95.0500, 100.0000,  
108.9000

■ 57.3816, 79.3308,  
106.8958

■ 55.1178, 77.9697,  
106.7524

■ 53.6211, 77.0046,  
106.6450

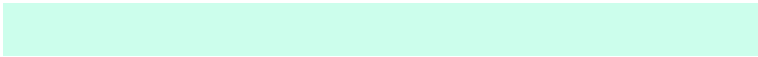
■ 52.7817, 76.3786,  
106.5684

■ 52.4974, 76.1149,  
106.5325

# Harmonies

## Analogous

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



75.3314, 89.5730, 92.3261



75.7399, 89.5730, 107.9051



78.6048, 89.5730, 121.9988

# Triad

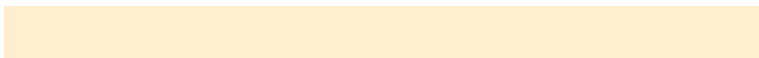
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7399, 89.5730, 107.9051



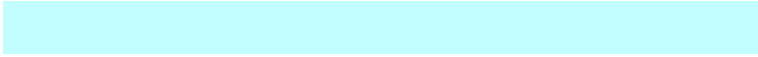
93.2991, 89.5730, 118.0240



87.0002, 89.5730, 71.1196

# Complementary

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



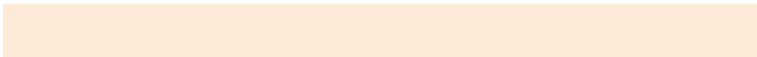
75.7399, 89.5730, 107.9051



70.4925, 64.1843, 59.7140

# 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.



92.0202, 89.5730, 76.5729



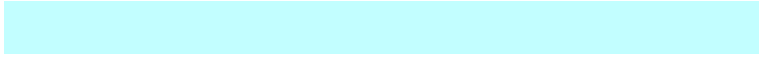
75.7399, 89.5730, 107.9051



95.7574, 89.5730, 102.9254

# Square

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



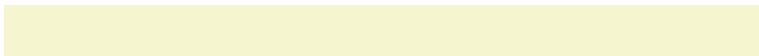
75.7399, 89.5730, 107.9051



88.6861, 89.5730, 128.2547



95.2797, 89.5730, 87.8418



81.6828, 89.5730, 72.1511

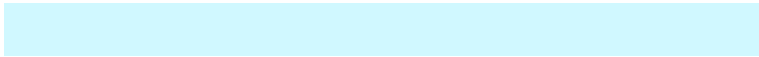


# Rectangle

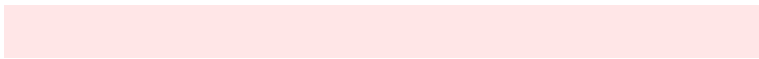
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7399, 89.5730, 107.9051



81.5921, 89.5730, 128.1380



95.2797, 89.5730, 87.8418



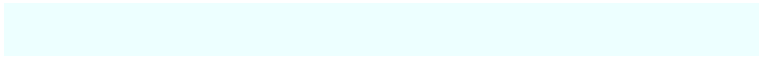
88.7820, 89.5730, 72.2307

# Sweetspot

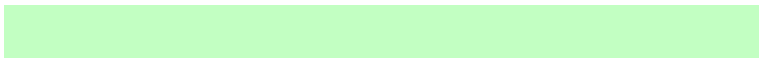
The Sweet Spot groups the original color and five complimentary colors.



75.7422, 89.5765, 107.9057



88.6923, 96.5847, 108.5759



67.7467, 86.8849, 64.2403



18.8725, 20.6132, 23.2340



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

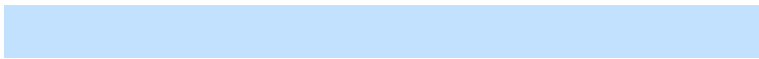
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7422, 89.5765, 107.9057



72.4942, 87.8026, 107.7345



67.0894, 72.2709, 105.0214



18.5280, 20.4276, 23.2163



27.4426, 39.7948, 55.6694



2.6798, 3.8903, 5.4229



# Inverse Universe

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



78.4226, 67.0009, 102.5693



75.6304, 61.4706, 101.4718



77.7685, 78.7364, 62.1393



18.7792, 18.2950, 22.7201



30.6400, 14.7453, 48.8820

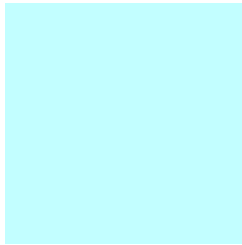


2.9873, 1.4373, 4.7802



# Previews

## White Background



This preview shows how the XYZ color 75.7399, 89.5730, 107.9051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

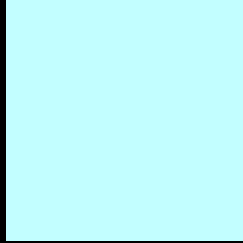
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.7399, 89.5730, 107.9051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

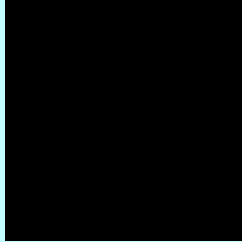
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.7399, 89.5730, 107.9051

## Background



This preview shows how black text looks on a background with the XYZ color 75.7399, 89.5730, 107.9051.



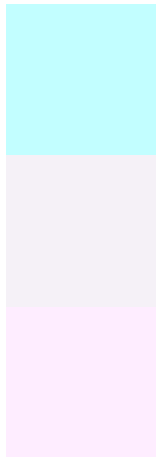
This preview shows how white text looks on a background with the XYZ color 75.7399, 89.5730,



# 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

75.7399, 89.5730, 107.9051

### Protanopia

85.9000, 89.0385, 100.6544

### Deuteranopia

89.2072, 88.8592, 107.0576



## **Tritanopia**

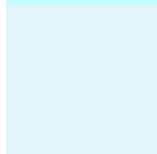
82.0571, 89.1391, 107.4884

# Trichromacy



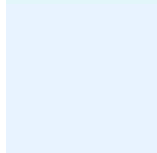
## Original Color

75.7399, 89.5730, 107.9051



## Protanomaly

81.5751, 88.9824, 103.3183



## Deuteranomaly

83.3793, 88.4770, 107.2909



## Tritanomaly

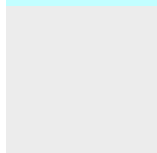
79.6572, 89.2675, 107.6397

# Monochromacy



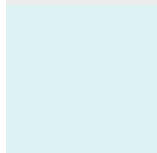
## Original Color

75.7399, 89.5730, 107.9051



## Achromatopsia

79.7278, 83.8799, 91.3452



## Achromatomaly

78.0470, 85.9444, 97.2694

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7399, 89.5730, 107.9051 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(194, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 254, 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(194, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 254, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7399, 89.5730, 107.9051 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(194, 254, 255) }
```



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

```
.border{ border-color:rgb(194, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 254,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7399, 89.5730, 107.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 254, 255) }
```

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

```
.background{ background-color: rgb(194,  
254, 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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