

Converting Colors

XYZ(75.2613, 87.7509,
111.4831)

Have a look what the booklet for
XYZ(75.2613, 87.7509, 111.4831)
contains.

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Color

**XYZ(74.5395, 87.5518,
107.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FBFF
RGB	193, 251, 255
RGB Percent	76%, 98%, 100%
CMY	0.2431, 0.0157, 0.0000
CMYK	0.24, 0.02, 0.00, 0.00
HSL	184°, 100%, 88%
HSV	184°, 24%, 100%
XYZ	74.5395, 87.5518, 107.5783
YIQ	234.1140, -35.8520, -11.0520

Conversions

Conversions Part 2

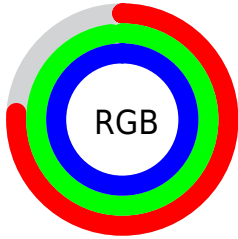
Format	Color
R _Y B	193, 223, 255
Decimal	12712959
CIE Lab	94.97, -17.24, -7.87
CIE LCh	95, 18.947, 204.533
Yxy	87.5518, 0.2764, 0.3247
Android (android.graphics.Color)	4290903039 (0xFFC1FBFF)
YUV	234.1140, 10.2968, -36.0570
Hunter-Lab	93.5691, -21.5484, -2.6685

Details

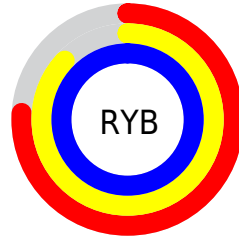
The XYZ color **74.5395, 87.5518, 107.5783** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8318, 65.0421, 59.2750**, and the grayscale version is **78.2389, 82.3134, 89.6393**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **39.9661, 48.0641, 60.5969** is the 20% darker color. If you saturate the color by 10%, you get **68.0804, 83.4655, 107.1300**, and if you desaturate by 10%, it is **82.1284, 92.2317, 108.0816**.

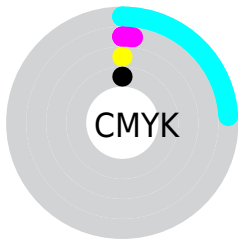
Distribution



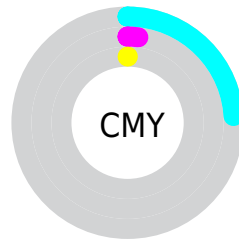
- Red (76%)
- Green (98%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5395, 87.5518, 107.5783 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 74.5395, 87.5518, 107.5783 by changing the saturation by 10% instead.

74.5395, 87.5518,
107.5783

74.5395, 87.5518,
107.5783

465.3549,
520.0344, 605.6787

55.5286, 65.9519,
81.9923

124.6517,
143.9330, 173.6755

40.0606, 48.2334,
60.8234

156.4836,
179.4831, 215.0239

27.7702, 34.0118,
43.6531

193.3200,
220.4522, 262.4635

18.2921, 22.9026,
30.0627

235.5261,
267.2245, 316.4129

11.2608, 14.5216,
19.6337

283.4672,
320.1844, 377.2905

6.3111, 8.4843,
11.9476

337.5089,

3.0776, 4.4064,

379.7165, 445.5150

6.5859

398.0163,
446.2050, 521.5049

■ 1.1950, 1.9034,
3.1300

■ 0.1024, 0.5504,
1.1614

■ 74.5395, 87.5518,
107.5783

■ 74.5395, 87.5518,
107.5783

■ 68.0804, 83.4655,
107.1300

■ 82.1284, 92.2317,
108.0816

■ 62.6867, 79.9328,
106.7324

■ 90.8936, 97.5223,
108.6408

■ 58.2981, 76.9248,
106.3831

95.0500, 100.0000,
108.9000

■ 54.8455, 74.4058,
106.0788

■ 52.2508, 72.3358,
105.8160

■ 50.4235, 70.6678,
105.5904

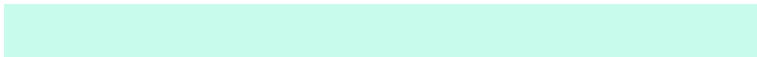
■ 49.2527, 69.3448,
105.3967

■ 48.7900, 68.7000,
105.2967

Harmonies

Analogous

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



73.7545, 87.5518, 92.6560



74.5395, 87.5518, 107.5783



77.6083, 87.5518, 120.3052

Triad

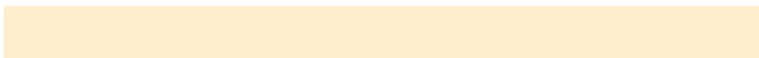
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5395, 87.5518, 107.5783



91.5319, 87.5518, 112.7243



84.1611, 87.5518, 69.8247

Complementary

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



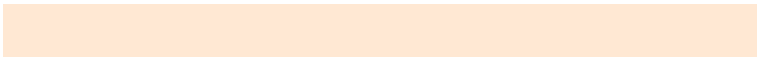
74.5395, 87.5518, 107.5783



70.8318, 65.0421, 59.2750

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.



89.0862, 87.5518, 74.0735



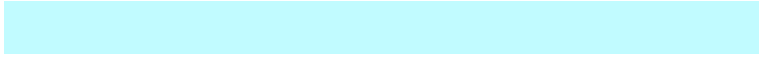
74.5395, 87.5518, 107.5783



93.4525, 87.5518, 98.0530

Square

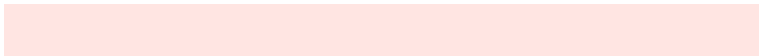
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5395, 87.5518, 107.5783



87.3892, 87.5518, 123.4841



92.5396, 87.5518, 84.0468



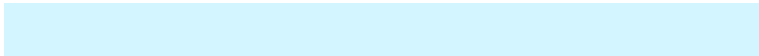
79.1766, 87.5518, 71.8161

Rectangle

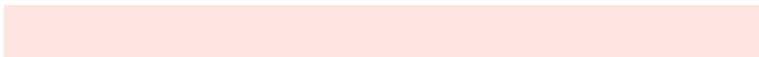
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5395, 87.5518, 107.5783



80.6059, 87.5518, 125.3122



92.5396, 87.5518, 84.0468



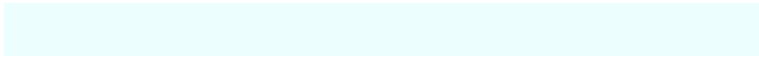
85.8806, 87.5518, 70.5560

Sweetspot

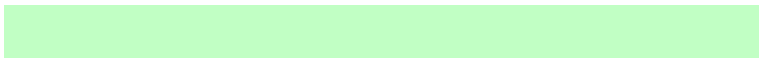
The Sweet Spot groups the original color and five complimentary colors.



74.5418, 87.5552, 107.5788



88.4193, 96.0386, 108.4849



67.7286, 86.8481, 65.4797



18.8090, 20.4862, 23.2128



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

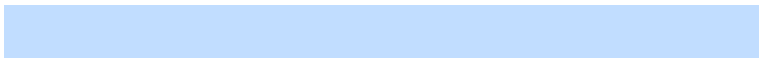
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5418, 87.5552, 107.5788



71.3763, 85.5669, 107.3619



65.8736, 70.2189, 104.6894



18.4487, 20.2691, 23.1899



25.5367, 35.9830, 55.0341



2.5155, 3.5616, 5.3682

Inverse Universe

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



77.7240, 66.3666, 99.9843



75.0662, 61.2449, 98.5005



78.3628, 80.1040, 61.7853



18.7392, 18.2790, 22.5095



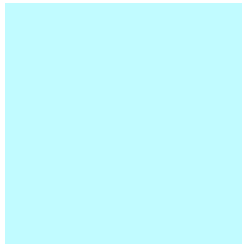
29.6779, 14.3605, 43.8160



2.9043, 1.4041, 4.3434

Previews

White Background



This preview shows how the XYZ color 74.5395, 87.5518, 107.5783 looks on a white background.

Color Contrast Check

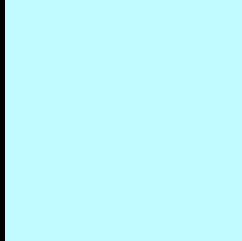
Large Text (above 18pt) WCAG AA × Fail

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 74.5395, 87.5518, 107.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

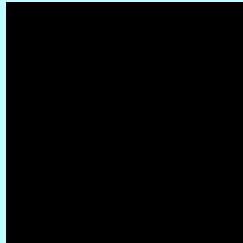
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5395, 87.5518, 107.5783

Background



This preview shows how black text looks on a background with the XYZ color 74.5395, 87.5518, 107.5783.

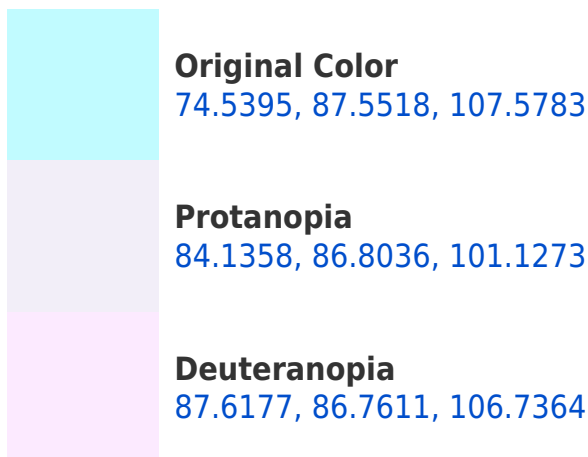


This preview shows how white text looks on a background with the XYZ color 74.5395, 87.5518,

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





Tritanopia

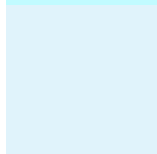
79.6141, 86.9814, 107.2007

Trichromacy



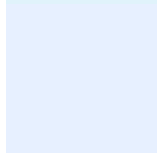
Original Color

74.5395, 87.5518, 107.5783



Protanomaly

80.2036, 86.9135, 103.8156



Deuteranomaly

82.1651, 86.5291, 106.9790



Tritanomaly

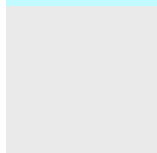
77.8891, 87.4432, 107.3808

Monochromacy



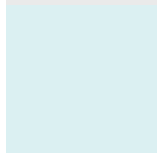
Original Color

74.5395, 87.5518, 107.5783



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.4005, 83.7911, 96.1510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5395, 87.5518, 107.5783 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(193, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 251, 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(193, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.5395, 87.5518, 107.5783 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(193, 251, 255) }
```


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

```
.border{ border-color:rgb(193, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5395, 87.5518, 107.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 251, 255) }
```

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

```
.background{ background-color: rgb(193,  
251, 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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