

Converting Colors

XYZ(76.0131, 87.3889,
107.4692)

Have a look what the booklet for
XYZ(76.0131, 87.3889, 107.4692)
contains.

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Color

**XYZ(76.0131, 87.3889,
107.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F9FF
RGB	201, 249, 255
RGB Percent	79%, 98%, 100%
CMY	0.2118, 0.0235, 0.0000
CMYK	0.21, 0.02, 0.00, 0.00
HSL	187°, 100%, 89%
HSV	187°, 21%, 100%
XYZ	76.0131, 87.3889, 107.4692
YIQ	235.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

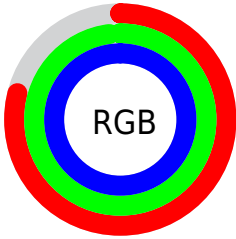
Format	Color
R_{YB}	201, 226, 255
Decimal	13236735
CIE _{Lab}	94.90, -13.92, -7.92
CIE _{LCh}	95, 16.016, 209.631
Yxy	87.3889, 0.2806, 0.3226
Android (android.graphics.Color)	4291426815 (0xFFC9F9FF)
YUV	235.3320, 9.6963, -30.1092
Hunter-Lab	93.4820, -18.4497, -2.7238

Details

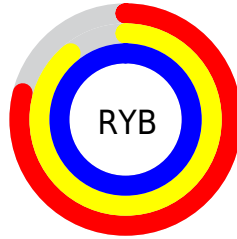
The XYZ color **76.0131, 87.3889, 107.4692** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0952, 70.1018, 64.8858**, and the grayscale version is **79.1656, 83.2884, 90.7010**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1171, 48.3281, 60.5872** is the 20% darker color. If you saturate the color by 10%, you get **68.8510, 82.4096, 106.8856**, and if you desaturate by 10%, it is **84.3309, 92.9881, 108.1115**.

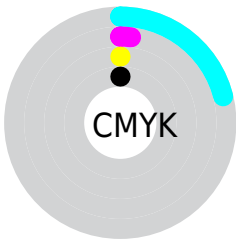
Distribution



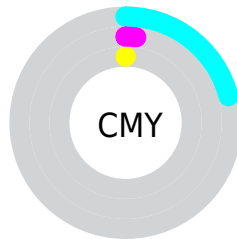
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0131, 87.3889, 107.4692 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 76.0131, 87.3889, 107.4692 by changing the saturation by 10% instead.

76.0131, 87.3889,
107.4692

76.0131, 87.3889,
107.4692

470.3362,
519.4999, 605.3333

56.7403, 65.8171,
81.9013

126.7257,
143.7061, 173.5254

41.0361, 48.1239,
60.7489

158.8962,
179.2202, 214.8508

28.5351, 33.9250,
43.5933

196.0967,
220.1506, 262.2658

18.8719, 22.8360,
30.0160

238.6926,
266.8816, 316.1889

11.6812, 14.4725,
19.5986

287.0491,
319.7977, 377.0386

6.5977, 8.4500,
11.9224

341.5316,

3.2559, 4.3842,

379.2832, 445.2336

6.5690

402.5056,
445.7224, 521.1923

■ 1.2905, 1.8907,
3.1197

■ 0.1761, 0.5428,
1.1561

■ 76.0131, 87.3889,
107.4692

■ 76.0131, 87.3889,
107.4692

■ 68.8510, 82.4096,
106.8856

■ 84.3309, 92.9881,
108.1115

■ 62.7815, 78.0108,
106.3564

■ 93.8498, 99.2238,
108.8134

■ 57.7460, 74.1645,
105.8794

■ 95.0500, 100.0000,
108.9000

■ 53.6775, 70.8360,
105.4514

■ 50.5011, 67.9867,
105.0688

■ 48.1308, 65.5720,
104.7276

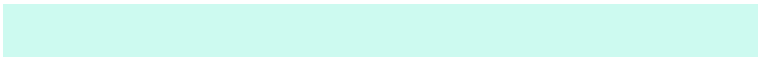
■ 46.4632, 63.5386,
104.4231

■ 45.4340, 61.9881,
104.1780

Harmonies

Analogous

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



74.9888, 87.3889, 94.9979



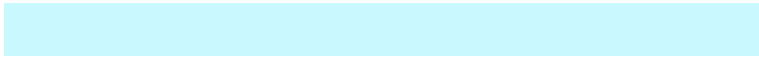
76.0131, 87.3889, 107.4692



78.9109, 87.3889, 117.3072

Triad

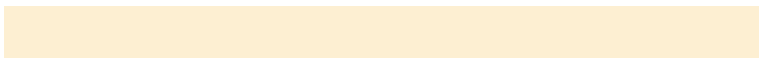
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0131, 87.3889, 107.4692



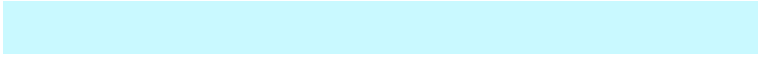
90.4737, 87.3889, 107.7584



83.1143, 87.3889, 73.1894

Complementary

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



76.0131, 87.3889, 107.4692



74.0952, 70.1018, 64.8858

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.



87.3531, 87.3889, 75.9777



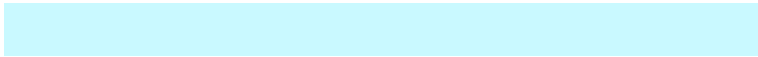
76.0131, 87.3889, 107.4692



91.6917, 87.3889, 95.3056

Square

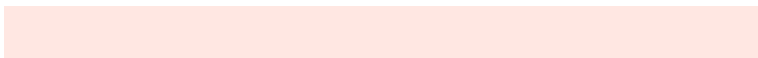
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0131, 87.3889, 107.4692



87.2569, 87.3889, 117.4841



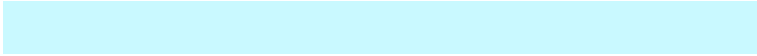
90.5306, 87.3889, 83.8132



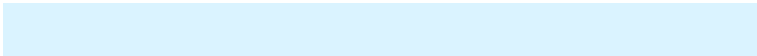
79.0009, 87.3889, 75.8454

Rectangle

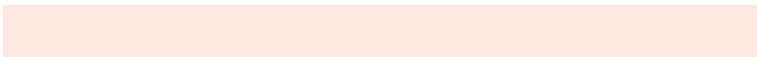
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



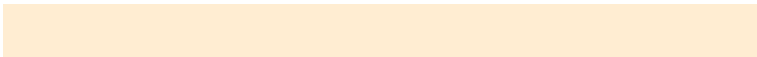
76.0131, 87.3889, 107.4692



81.5670, 87.3889, 120.6616



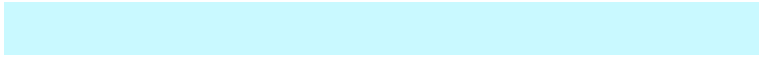
90.5306, 87.3889, 83.8132



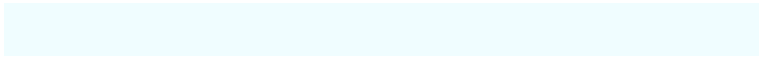
84.5722, 87.3889, 73.5172

Sweetspot

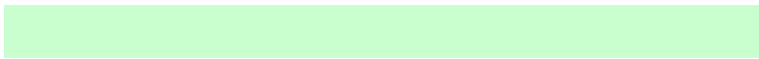
The Sweet Spot groups the original color and five complimentary colors.



76.0154, 87.3924, 107.4697



89.1039, 96.1338, 108.4671



71.0377, 88.4137, 71.9707



18.9391, 20.4896, 23.2066



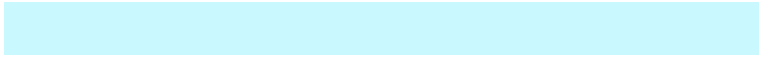
0.0000, 0.0000, 0.0000



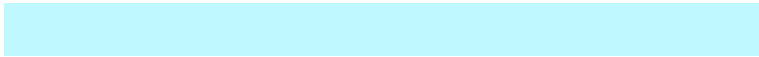
20.3446, 21.4041, 23.3091

Same Dimension

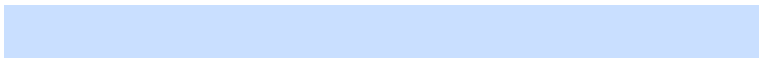
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0154, 87.3924, 107.4697



73.1423, 85.4158, 107.2396



68.4195, 72.2007, 104.9378



18.3725, 20.1166, 23.1645



23.8094, 32.5283, 54.4583



2.3653, 3.2613, 5.3181

Inverse Universe

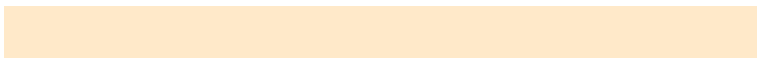
The Inverse Universe completely reimagines the original color for something new.



79.2270, 69.8745, 98.9380



76.8566, 65.4032, 97.3170



81.0356, 83.9824, 67.1993



18.7007, 18.2636, 22.3068



28.8061, 14.0117, 39.2247



2.8285, 1.3738, 3.9442

Previews

White Background



This preview shows how the XYZ color 76.0131, 87.3889, 107.4692 looks on a white background.

Color Contrast Check

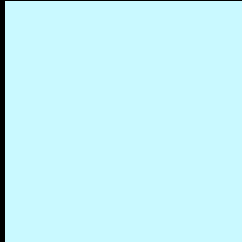
Large Text (above 18pt) WCAG AA × Fail

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 76.0131, 87.3889, 107.4692 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 76.0131, 87.3889, 107.4692

Background



This preview shows how black text looks on a background with the XYZ color 76.0131, 87.3889, 107.4692.

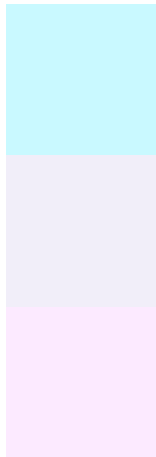


This preview shows how white text looks on a background with the XYZ color 76.0131, 87.3889,

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

76.0131, 87.3889, 107.4692

Protanopia

83.9490, 86.6894, 101.9307

Deuteranopia

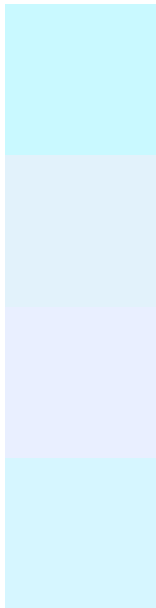
87.6177, 86.7611, 106.7364



Tritanopia

80.2195, 87.2935, 107.2291

Trichromacy



Original Color

76.0131, 87.3889, 107.4692

Protanomaly

80.5287, 86.6380, 103.7453

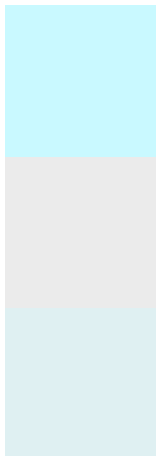
Deuteranomaly

82.5208, 86.2766, 106.9115

Tritanomaly

78.7373, 87.4277, 107.3331

Monochromacy



Original Color

76.0131, 87.3889, 107.4692

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.6185, 84.4190, 96.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0131, 87.3889, 107.4692 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(201, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0131, 87.3889, 107.4692 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(201, 249, 255) }
```


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

```
.border{ border-color:rgb(201, 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(201, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0131, 87.3889, 107.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 255) }
```

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

```
.background{ background-color: rgb(201,  
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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