

Converting Colors

XYZ(79.4902, 90.2556,
107.8392)

Have a look what the booklet for
XYZ(79.4902, 90.2556, 107.8392)
contains.

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Color

**XYZ(79.4111, 90.0632,
107.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FBFF
RGB	211, 251, 255
RGB Percent	83%, 98%, 100%
CMY	0.1725, 0.0157, 0.0000
CMYK	0.17, 0.02, 0.00, 0.00
HSL	185°, 100%, 91%
HSV	185°, 17%, 100%
XYZ	79.4111, 90.0632, 107.8063
YIQ	239.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

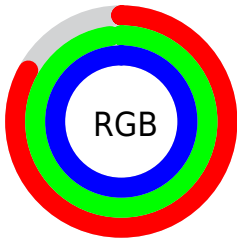
Format	Color
R _Y B	211, 232, 255
Decimal	13892607
CIE Lab	96.02, -11.93, -6.20
CIE LCh	96, 13.446, 207.437
Yxy	90.0632, 0.2864, 0.3248
Android (android.graphics.Color)	4292082687 (0xFFD3FBFF)
YUV	239.4960, 7.6435, -24.9910
Hunter-Lab	94.9016, -16.7139, -0.9211

Details

The XYZ color **79.4111, 90.0632, 107.8063** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2979, 74.5628, 71.9476**, and the grayscale version is **82.3888, 86.6795, 94.3939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1951, 49.7287, 60.7481** is the 20% darker color. If you saturate the color by 10%, you get **71.9589, 85.1566, 107.2520**, and if you desaturate by 10%, it is **88.0357, 95.5921, 108.4189**.

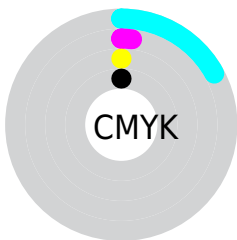
Distribution



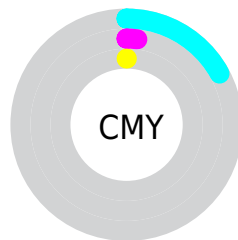
- Red (83%)
- Green (98%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4111, 90.0632, 107.8063 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 79.4111, 90.0632, 107.8063 by changing the saturation by 10% instead.

79.4111, 90.0632,
107.8063

79.4111, 90.0632,
107.8063

481.7128,
528.2364, 606.4000

59.5407, 68.0331,
82.1826

131.4923,
147.4262, 173.9893

43.2966, 49.9246,
60.9794

164.4338,
183.5278, 215.3856

30.3134, 35.3535,
43.7781

202.4631,
225.0887, 262.8766

20.2258, 23.9353,
30.1602

245.9454,
272.4933, 316.8808

12.6685, 15.2856,
19.7071

295.2462,
326.1260, 377.8167

7.2761, 9.0201,
12.0004

350.7308,

3.6832, 4.7543,

386.3711, 446.1028

6.6214

412.7645,
453.6131, 522.1577

■ 1.5245, 2.1038,
3.1516

■ 0.3424, 0.6668,
1.1726

■ 79.4111, 90.0632,
107.8063

■ 79.4111, 90.0632,
107.8063

■ 71.9589, 85.1566,
107.2520

■ 88.0357, 95.5921,
108.4189

■ 65.6175, 80.8334,
106.7517

95.0500, 100.0000,
108.9000

■ 60.3303, 77.0667,
106.3034

■ 56.0329, 73.8232,
105.9038

■ 52.6539, 71.0661,
105.5497

■ 50.1120, 68.7535,
105.2373

■ 48.3118, 66.8361,
104.9621

■ 47.1302, 65.2504,
104.7183

■ 46.8634, 64.8469,
104.6545

Harmonies

Analogous

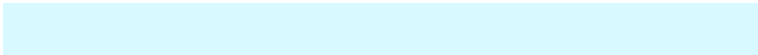
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6552, 90.0632, 97.1505



79.4111, 90.0632, 107.8063



81.8108, 90.0632, 116.3570

Triad

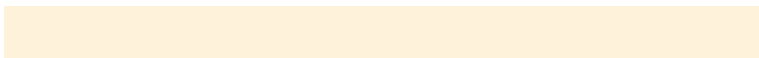
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4111, 90.0632, 107.8063



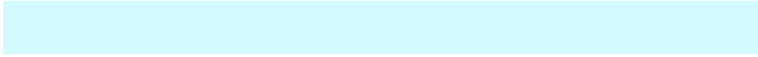
91.7720, 90.0632, 109.5049



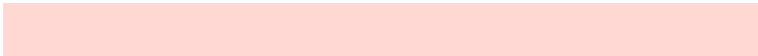
85.9226, 90.0632, 78.9934

Complementary

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



79.4111, 90.0632, 107.8063



77.2979, 74.5628, 71.9476

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.



89.5093, 90.0632, 81.7955



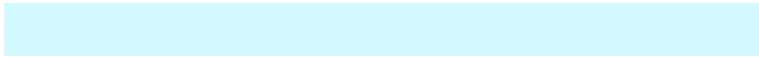
79.4111, 90.0632, 107.8063



92.9470, 90.0632, 98.9823

Square

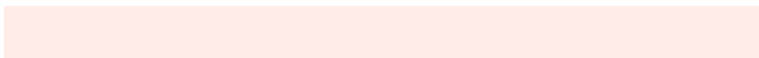
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4111, 90.0632, 107.8063



88.9399, 90.0632, 117.3866



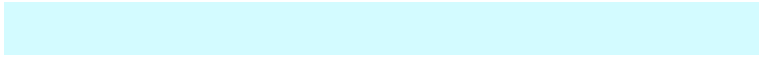
92.1074, 90.0632, 88.9261



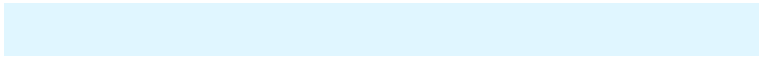
82.3494, 90.0632, 80.9866

Rectangle

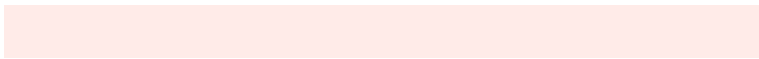
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



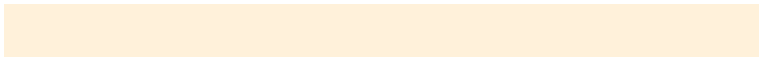
79.4111, 90.0632, 107.8063



84.0563, 90.0632, 119.4428



92.1074, 90.0632, 88.9261



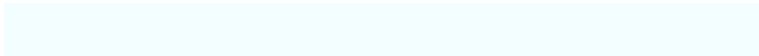
87.1673, 90.0632, 79.4009

Sweetspot

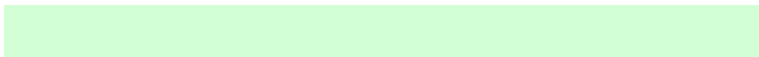
The Sweet Spot groups the original color and five complimentary colors.



79.4134, 90.0668, 107.8068



90.1456, 96.9251, 108.5650



74.8479, 90.2585, 77.5439



19.1526, 20.6563, 23.2276



0.0000, 0.0000, 0.0000



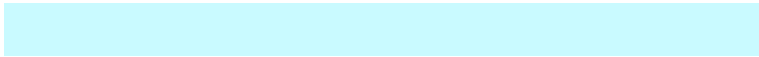
20.3446, 21.4041, 23.3091

Same Dimension

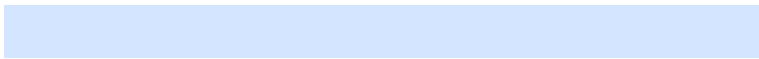
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4134, 90.0668, 107.8068



76.4870, 88.1568, 107.5924



73.0267, 77.2933, 105.6779



18.4055, 20.1827, 23.1755



24.5453, 34.0003, 54.7036



2.4294, 3.3896, 5.3395

Inverse Universe

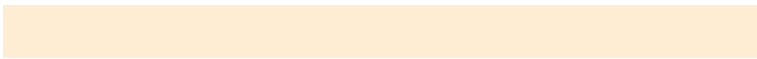
The Inverse Universe completely reimagines the original color for something new.



81.9483, 74.8151, 101.3926



79.5086, 70.1542, 99.9063



83.1862, 86.3394, 73.9104



18.7173, 18.2703, 22.3947



29.1776, 14.1603, 41.1810



2.8609, 1.3867, 4.1148

Previews

White Background



This preview shows how the XYZ color 79.4111, 90.0632, 107.8063 looks on a white background.

Color Contrast Check

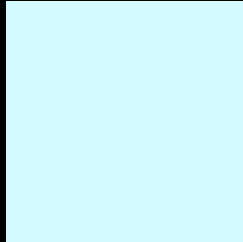
Large Text (above 18pt) WCAG AA × Fail

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 79.4111, 90.0632, 107.8063 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 79.4111, 90.0632, 107.8063

Background



This preview shows how black text looks on a background with the XYZ color 79.4111, 90.0632, 107.8063.

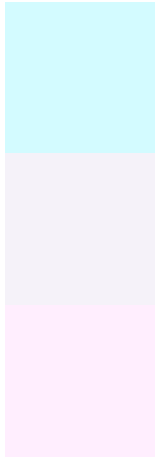


This preview shows how white text looks on a background with the XYZ color 79.4111, 90.0632,

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

79.4111, 90.0632, 107.8063

Protanopia

86.5072, 89.7563, 102.3878

Deuteranopia

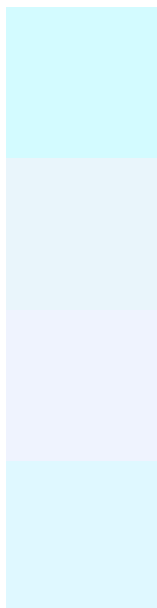
89.7039, 89.5648, 106.3258



Tritanopia

83.6389, 89.9545, 107.5625

Trichromacy



Original Color

79.4111, 90.0632, 107.8063

Protanomaly

83.6693, 89.5935, 104.1502

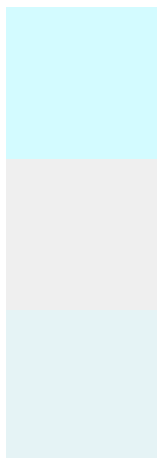
Deuteranomaly

85.5366, 89.6077, 106.5537

Tritanomaly

82.0488, 90.0428, 107.6633

Monochromacy



Original Color

79.4111, 90.0632, 107.8063

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8451, 87.3518, 98.9858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4111, 90.0632, 107.8063 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(211, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.4111, 90.0632, 107.8063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

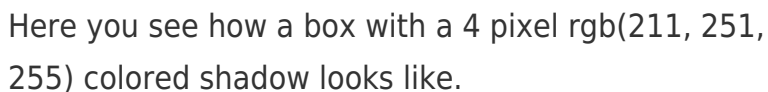
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 251, 255) }
```


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

```
.border{ border-color:rgb(211, 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(211, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4111, 90.0632, 107.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 251, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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