

Converting Colors

XYZ(104.2239, 100.0000,
239.3264)

Have a look what the booklet for
XYZ(104.2239, 100.0000, 239.3264)
contains.

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Color

**XYZ(79.1255, 89.9160,
107.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FBFF
RGB	210, 251, 255
RGB Percent	82%, 98%, 100%
CMY	0.1765, 0.0157, 0.0000
CMYK	0.18, 0.02, 0.00, 0.00
HSL	185°, 100%, 91%
HSV	185°, 18%, 100%
XYZ	79.1255, 89.9160, 107.7929
YIQ	239.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

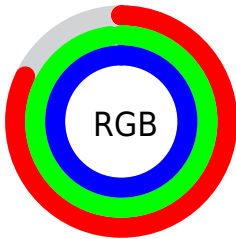
Format	Color
R_{YB}	210, 231, 255
Decimal	13827071
CIE _{Lab}	95.96, -12.24, -6.29
CIE _{LCh}	96, 13.759, 207.216
Yxy	89.9160, 0.2858, 0.3248
Android (android.graphics.Color)	4292017151 (0xFFD2FBFF)
YUV	239.1970, 7.7909, -25.6058
Hunter-Lab	94.8240, -16.9936, -1.0221

Details

The XYZ color **79.1255, 89.9160, 107.7929** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9191, 74.0050, 71.2047**, and the grayscale version is **82.1550, 86.4335, 94.1261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0024, 49.6294, 60.7390** is the 20% darker color. If you saturate the color by 10%, you get **71.7335, 85.0641, 107.2460**, and if you desaturate by 10%, it is **87.6874, 95.3884, 108.3979**.

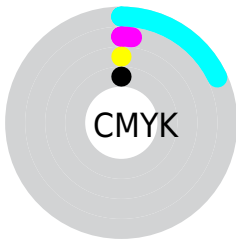
Distribution



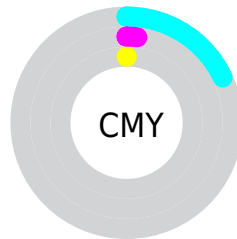
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1255, 89.9160, 107.7929 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 79.1255, 89.9160, 107.7929 by changing the saturation by 10% instead.

79.1255, 89.9160,
107.7929

79.1255, 89.9160,
107.7929

480.7623,
527.7576, 606.3576

59.3050, 67.9110,
82.1714

131.0925,
147.2217, 173.9708

43.1060, 49.8253,
60.9702

163.9697,
183.2912, 215.3644

30.1632, 35.2746,
43.7707

201.9299,
224.8176, 262.8524

20.1112, 23.8745,
30.1544

245.3384,
272.1853, 316.8533

12.5846, 15.2405,
19.7028

294.5605,
325.7788, 377.7858

7.2182, 8.9884,
11.9973

349.9616,

3.6464, 4.7336,

385.9824, 446.0683

6.6193

411.9071,
453.1805, 522.1194

■ 1.5041, 2.0918,
3.1504

■ 0.3286, 0.6600,
1.1719

■ 79.1255, 89.9160,
107.7929

■ 79.1255, 89.9160,
107.7929

■ 71.7335, 85.0641,
107.2460

■ 87.6874, 95.3884,
108.3979

■ 65.4497, 80.7935,
106.7529

95.0500, 100.0000,
108.9000

■ 60.2174, 77.0775,
106.3114

■ 55.9718, 73.8826,
105.9185

■ 52.6412, 71.1718,
105.5708

■ 50.1440, 68.9030,
105.2645

■ 48.3840, 67.0264,
104.9950

■ 47.2341, 65.4767,
104.7565

■ 47.0084, 65.1369,
104.7028

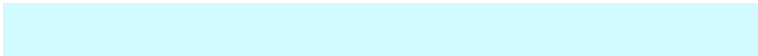
Harmonies

Analogous

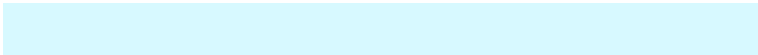
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3674, 89.9160, 96.8899



79.1255, 89.9160, 107.7929



81.5653, 89.9160, 116.5787

Triad

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



79.1255, 89.9160, 107.7929



91.7563, 89.9160, 109.6817



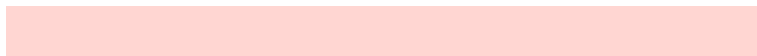
85.8180, 89.9160, 78.4470

Complementary

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



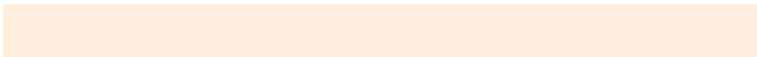
79.1255, 89.9160, 107.7929



76.9191, 74.0050, 71.2047

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.



89.4819, 89.9160, 81.3370



79.1255, 89.9160, 107.7929



92.9733, 89.9160, 98.9236

Square

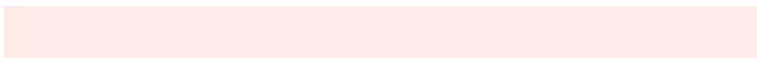
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1255, 89.9160, 107.7929



88.8493, 89.9160, 117.7248



92.1290, 89.9160, 88.6378



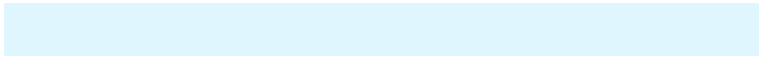
82.1628, 89.9160, 80.4417

Rectangle

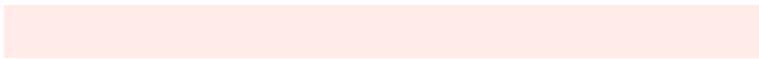
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1255, 89.9160, 107.7929



83.8552, 89.9160, 119.7705



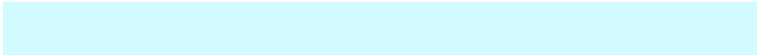
92.1290, 89.9160, 88.6378



87.0901, 89.9160, 78.8741

Sweetspot

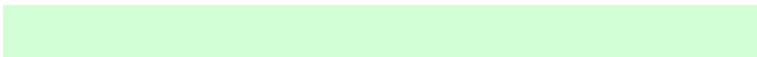
The Sweet Spot groups the original color and five complimentary colors.



79.1278, 89.9196, 107.7935



90.1538, 96.9414, 108.5677



74.4450, 90.0644, 76.9131



19.1546, 20.6602, 23.2282



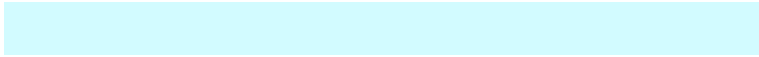
0.0000, 0.0000, 0.0000



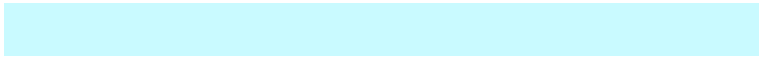
20.3446, 21.4041, 23.3091

Same Dimension

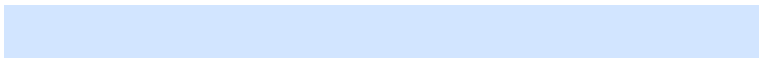
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1278, 89.9196, 107.7935



76.5206, 88.2241, 107.6036



72.5796, 76.8232, 105.6107



18.4088, 20.1893, 23.1766



24.6200, 34.1495, 54.7285



2.4359, 3.4026, 5.3416

Inverse Universe

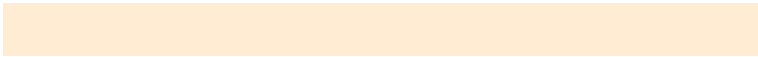
The Inverse Universe completely reimagines the original color for something new.



81.7006, 74.3198, 101.3101



79.5256, 70.1610, 99.9957



82.9410, 86.0488, 73.2120



18.7190, 18.2709, 22.4035



29.2152, 14.1754, 41.3794



2.8642, 1.3880, 4.1320

Previews

White Background



This preview shows how the XYZ color 79.1255, 89.9160, 107.7929 looks on a white background.

Color Contrast Check

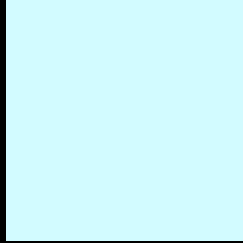
Large Text (above 18pt) WCAG AA × Fail

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 79.1255, 89.9160, 107.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

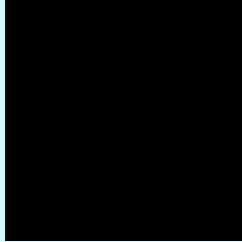
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1255, 89.9160, 107.7929

Background



This preview shows how black text looks on a background with the XYZ color 79.1255, 89.9160, 107.7929.

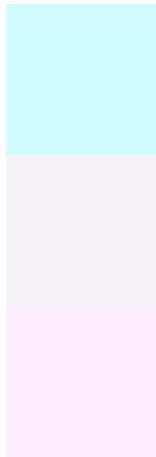


This preview shows how white text looks on a background with the XYZ color 79.1255, 89.9160,

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

79.1255, 89.9160, 107.7929

Protanopia

86.5072, 89.7563, 102.3878

Deuteranopia

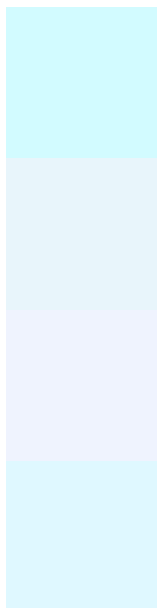
89.7039, 89.5648, 106.3258



Tritanopia

83.6389, 89.9545, 107.5625

Trichromacy



Original Color

79.1255, 89.9160, 107.7929

Protanomaly

83.3437, 89.4257, 104.1350

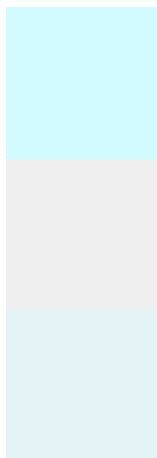
Deuteranomaly

85.5366, 89.6077, 106.5537

Tritanomaly

82.0488, 90.0428, 107.6633

Monochromacy



Original Color

79.1255, 89.9160, 107.7929

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.5269, 87.1877, 98.9709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1255, 89.9160, 107.7929 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(210, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.1255, 89.9160, 107.7929 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(210, 251, 255) }
```


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

```
.border{ border-color:rgb(210, 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(210, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1255, 89.9160, 107.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 255) }
```

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

```
.background{ background-color: rgb(210,  
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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