

Converting Colors

XYZ(83.6394, 91.4117,
126.4621)

Have a look what the booklet for
XYZ(83.6394, 91.4117, 126.4621)
contains.

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Color

**XYZ(79.9672, 89.8874,
107.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FAFF
RGB	214, 250, 255
RGB Percent	84%, 98%, 100%
CMY	0.1608, 0.0196, 0.0000
CMYK	0.16, 0.02, 0.00, 0.00
HSL	187°, 100%, 92%
HSV	187°, 16%, 100%
XYZ	79.9672, 89.8874, 107.7430
YIQ	239.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

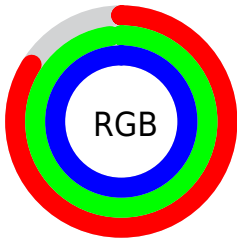
Format	Color
R_{YB}	214, 233, 255
Decimal	14088959
CIE _{Lab}	95.95, -10.52, -6.28
CIE _{LCh}	96, 12.255, 210.839
Yxy	89.8874, 0.2881, 0.3238
Android (android.graphics.Color)	4292279039 (0xFFD6FAFF)
YUV	239.8060, 7.4906, -22.6319
Hunter-Lab	94.8090, -15.3588, -1.0122

Details

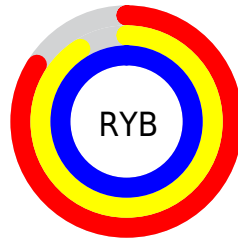
The XYZ color **79.9672, 89.8874, 107.7430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7087, 76.7768, 74.2911**, and the grayscale version is **82.6310, 86.9342, 94.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7829, 50.0317, 60.7756** is the 20% darker color. If you saturate the color by 10%, you get **72.1428, 84.4348, 107.1030**, and if you desaturate by 10%, it is **88.9772, 95.9796, 108.4441**.

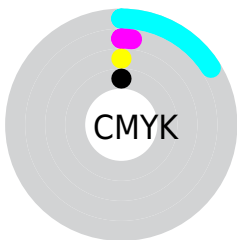
Distribution



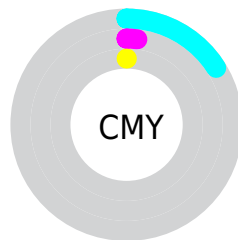
- Red (84%)
- Green (98%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9672, 89.8874, 107.7430 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 79.9672, 89.8874, 107.7430 by changing the saturation by 10% instead.

79.9672, 89.8874,
107.7430

79.9672, 89.8874,
107.7430

483.5605,
527.6645, 606.1998

59.9997, 67.8873,
82.1298

132.2704,
147.1820, 173.9022

43.6679, 49.8060,
60.9361

165.3368,
183.2452, 215.2852

30.6063, 35.2593,
43.7434

203.5003,
224.7649, 262.7619

20.4496, 23.8627,
30.1331

247.1261,
272.1255, 316.7509

12.8324, 15.2318,
19.6867

296.5797,
325.7114, 377.6706

7.3895, 8.9822,
11.9857

352.2264,

3.7553, 4.7296,

385.9069, 445.9396

6.6115

414.4316,
453.0965, 521.9765

■ 1.5647, 2.0895,
3.1456

■ 0.3692, 0.6587,
1.1695

■ 79.9672, 89.8874,
107.7430

■ 79.9672, 89.8874,
107.7430

■ 72.1428, 84.4348,
107.1030

■ 88.9772, 95.9796,
108.4441

■ 65.4429, 79.5830,
106.5196

95.0500, 100.0000,
108.9000

■ 59.8113, 75.3053,
105.9907

■ 55.1844, 71.5688,
105.5134

■ 51.4915, 68.3370,
105.0842

■ 48.6529, 65.5686,
104.6995

■ 46.5749, 63.2153,
104.3548

■ 45.1415, 61.2171,
104.0446

■ 44.6877, 60.4954,
103.9292

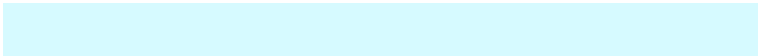
Harmonies

Analogous

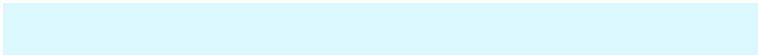
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0905, 89.8874, 98.1452



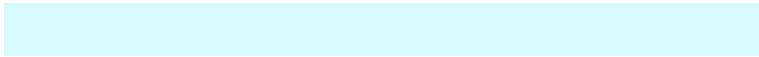
79.9672, 89.8874, 107.7430



82.3025, 89.8874, 115.0709

Triad

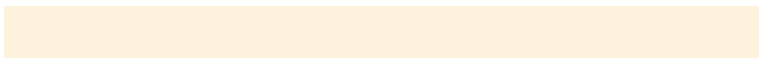
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9672, 89.8874, 107.7430



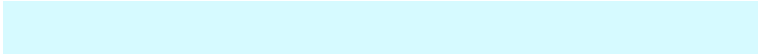
91.2466, 89.8874, 107.2400



85.3400, 89.8874, 80.3900

Complementary

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



79.9672, 89.8874, 107.7430



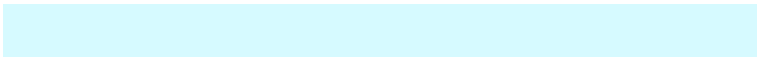
78.7087, 76.7768, 74.2911

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.



88.6465, 89.8874, 82.4785



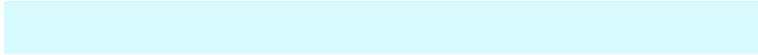
79.9672, 89.8874, 107.7430



92.1107, 89.8874, 97.5995

Square

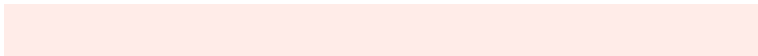
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9672, 89.8874, 107.7430



88.8158, 89.8874, 114.7672



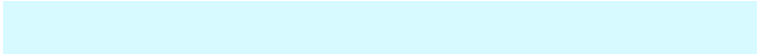
91.1471, 89.8874, 88.6233



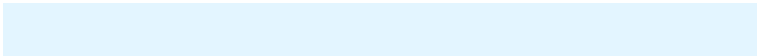
82.1417, 89.8874, 82.7222

Rectangle

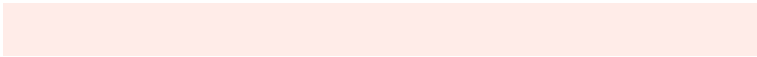
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



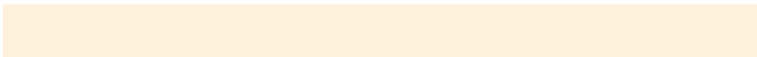
79.9672, 89.8874, 107.7430



84.4031, 89.8874, 117.4545



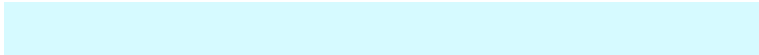
91.1471, 89.8874, 88.6233



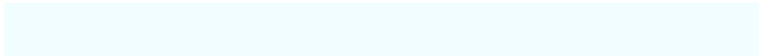
86.4759, 89.8874, 80.5970

Sweetspot

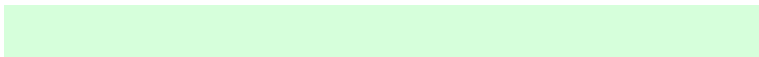
The Sweet Spot groups the original color and five complimentary colors.



79.9695, 89.8910, 107.7436



90.0203, 96.6744, 108.5232



76.2503, 90.9197, 80.4004



19.1221, 20.5951, 23.2174



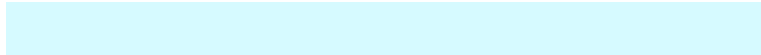
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.9695, 89.8910, 107.7436



77.5623, 88.2322, 107.5503



74.0008, 77.9535, 105.7540



18.3549, 20.0814, 23.1586



23.4249, 31.7594, 54.3301



2.3317, 3.1941, 5.3069

Inverse Universe

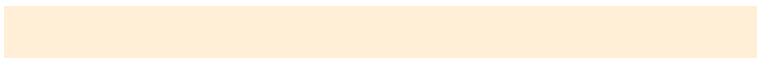
The Inverse Universe completely reimagines the original color for something new.



82.5434, 76.2569, 100.8153



80.5580, 72.5135, 99.4528



84.3277, 88.0148, 76.1641



18.6918, 18.2600, 22.2600



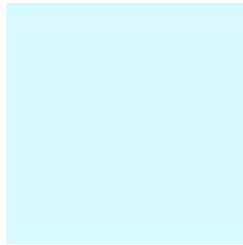
28.6120, 13.9341, 38.2028



2.8115, 1.3670, 3.8549

Previews

White Background



This preview shows how the XYZ color 79.9672, 89.8874, 107.7430 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 79.9672, 89.8874, 107.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

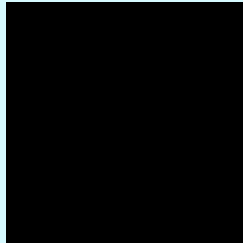
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9672, 89.8874, 107.7430

Background



This preview shows how black text looks on a background with the XYZ color 79.9672, 89.8874, 107.7430.

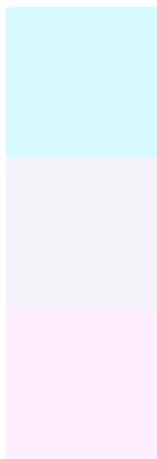


This preview shows how white text looks on a background with the XYZ color 79.9672, 89.8874,

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

79.9672, 89.8874, 107.7430

Protanopia

86.6636, 89.8189, 103.2116

Deuteranopia

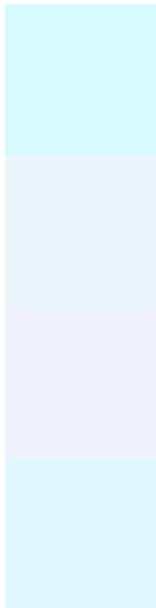
89.7039, 89.5648, 106.3258



Tritanopia

83.6574, 89.5137, 107.4764

Trichromacy



Original Color

79.9672, 89.8874, 107.7430

Protanomaly

84.1548, 89.8255, 104.9981

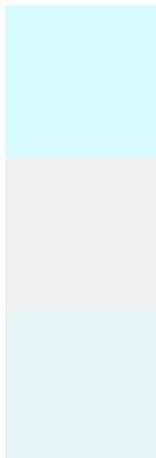
Deuteranomaly

85.5767, 89.1853, 106.4700

Tritanomaly

82.3621, 89.7491, 107.5901

Monochromacy



Original Color

79.9672, 89.8874, 107.7430

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.7871, 88.2829, 99.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9672, 89.8874, 107.7430 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(214, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 250, 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(214, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9672, 89.8874, 107.7430 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(214, 250, 255) }
```


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

```
.border{ border-color:rgb(214, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9672, 89.8874, 107.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 250, 255) }
```

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

```
.background{ background-color: rgb(214,  
250, 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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