

Converting Colors

XYZ(79.7994, 86.9565,
110.4531)

Have a look what the booklet for
XYZ(79.7994, 86.9565, 110.4531)
contains.

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Color

**XYZ(79.3141, 86.8268,
107.1867)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF4FF
RGB	218, 244, 255
RGB Percent	85%, 96%, 100%
CMY	0.1451, 0.0431, 0.0000
CMYK	0.15, 0.04, 0.00, 0.00
HSL	198°, 100%, 93%
HSV	198°, 15%, 100%
XYZ	79.3141, 86.8268, 107.1867
YIQ	237.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

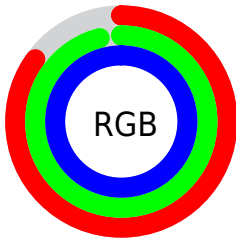
Format	Color
R_{YB}	218, 233, 255
Decimal	14349567
CIE _{Lab}	94.66, -6.27, -8.15
CIE _{LCh}	95, 10.287, 232.440
Yxy	86.8268, 0.2902, 0.3177
Android (android.graphics.Color)	4292539647 (0xFFDAF4FF)
YUV	237.4800, 8.6374, -17.0840
Hunter-Lab	93.1809, -11.1302, -2.9751

Details

The XYZ color **79.3141, 86.8268, 107.1867** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.9137, 82.3590, 77.9108**, and the grayscale version is **80.8141, 85.0227, 92.5898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2805, 47.8302, 60.3771** is the 20% darker color. If you saturate the color by 10%, you get **70.0343, 78.7294, 106.1128**, and if you desaturate by 10%, it is **89.8654, 95.7235, 108.3478**.

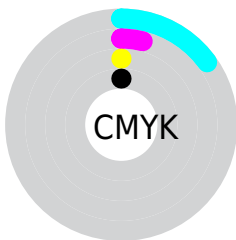
Distribution



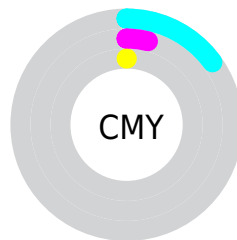
- Red (85%)
- Green (96%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3141, 86.8268, 107.1867 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 79.3141, 86.8268, 107.1867 by changing the saturation by 10% instead.

79.3141, 86.8268,
107.1867

79.3141, 86.8268,
107.1867

481.3901,
517.6536, 604.4387

59.4606, 65.3519,
81.6656

131.3566,
142.9227, 173.1365

43.2318, 47.7465,
60.5558

164.2762,
178.3125, 214.4024

30.2624, 33.6262,
43.4385

202.2820,
219.1093, 261.7536

20.1869, 22.6065,
29.8954

245.7393,
265.6977, 315.6087

12.6400, 14.3033,
19.5078

295.0134,
318.4619, 376.3862

7.2564, 8.3319,
11.8573

350.4696,

3.6707, 4.3080,

377.7863, 444.5047

6.5252

412.4734,
444.0554, 520.3826

■ 1.5176, 1.8473,
3.0931

■ 0.3378, 0.5164,
1.1424

■ 79.3141, 86.8268,
107.1867

■ 79.3141, 86.8268,
107.1867

■ 70.0343, 78.7294,
106.1128

■ 89.8654, 95.7235,
108.3478

■ 61.9645, 71.3910,
105.1217

95.0500, 100.0000,
108.9000

■ 55.0483, 64.7832,
104.2108

■ 49.2218, 58.8713,
103.3768

■ 44.4146, 53.6172,
102.6160

■ 40.5473, 48.9783,
101.9244

■ 37.5279, 44.9052,
101.2974

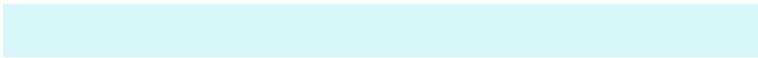
■ 35.2435, 41.3381,
100.7293

■ 34.2144, 39.5487,
100.4381

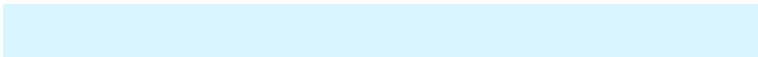
Harmonies

Analogous

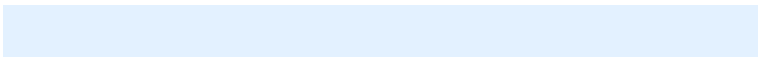
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6890, 86.8268, 100.4975



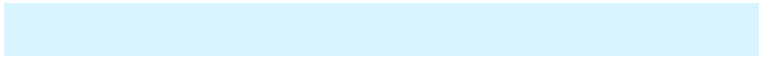
79.3141, 86.8268, 107.1867



81.8258, 86.8268, 110.5226

Triad

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



79.3141, 86.8268, 107.1867



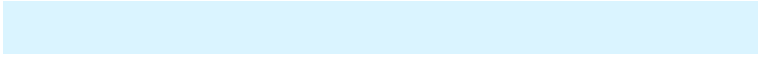
87.9331, 86.8268, 96.5657



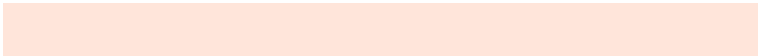
80.5049, 86.8268, 81.0988

Complementary

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



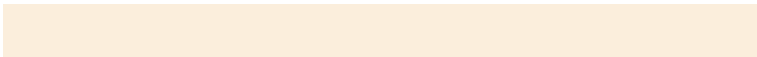
79.3141, 86.8268, 107.1867



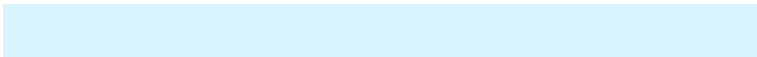
81.9137, 82.3590, 77.9108

Split Complementary

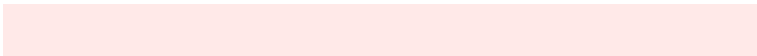
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2307, 86.8268, 80.1770



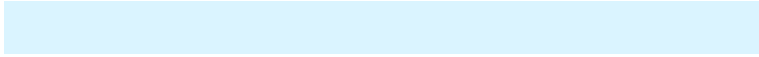
79.3141, 86.8268, 107.1867



87.5603, 86.8268, 88.8220

Square

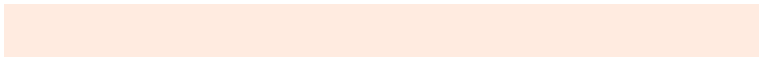
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



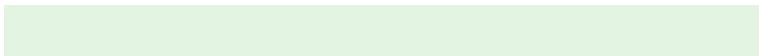
79.3141, 86.8268, 107.1867



86.8316, 86.8268, 104.1708



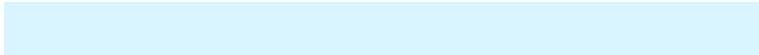
85.8240, 86.8268, 82.9287



78.3657, 86.8268, 85.5212

Rectangle

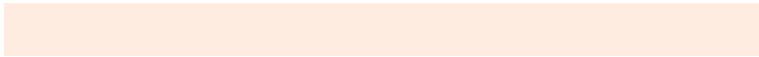
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



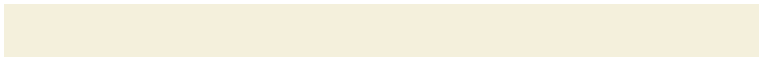
79.3141, 86.8268, 107.1867



83.6818, 86.8268, 110.2718



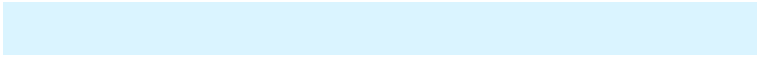
85.8240, 86.8268, 82.9287



81.3814, 86.8268, 80.3797

Sweetspot

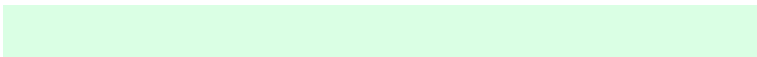
The Sweet Spot groups the original color and five complimentary colors.



79.3164, 86.8303, 107.1872



90.4371, 96.1978, 108.4092



78.7451, 92.0542, 87.3702



19.1766, 20.4404, 23.1846



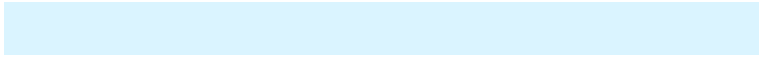
0.0000, 0.0000, 0.0000



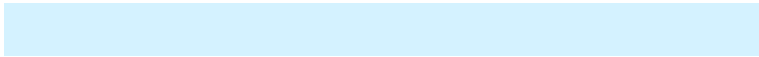
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3164, 86.8303, 107.1872



76.8877, 84.7393, 106.9117



74.1655, 76.5285, 105.4703



18.0723, 19.5163, 23.0645



18.0142, 20.9379, 52.5266



1.8493, 2.2293, 5.1461

Inverse Universe

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



82.6419, 77.9360, 96.2796



80.7408, 74.5900, 94.2388



87.1510, 92.8337, 79.6566



18.5492, 18.2030, 21.5090



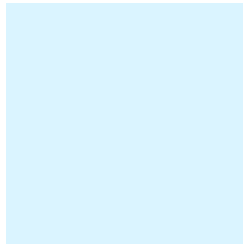
25.8809, 12.8417, 23.8211



2.5680, 1.2696, 2.5727

Previews

White Background



This preview shows how the XYZ color 79.3141, 86.8268, 107.1867 looks on a white background.

Color Contrast Check

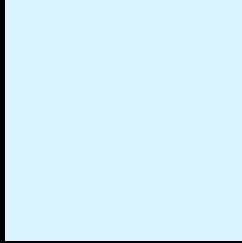
Large Text (above 18pt) WCAG AA × Fail

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 79.3141, 86.8268, 107.1867 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

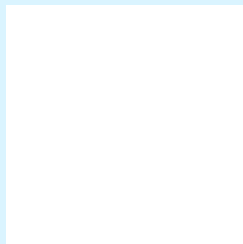
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3141, 86.8268, 107.1867

Background



This preview shows how black text looks on a background with the XYZ color 79.3141, 86.8268, 107.1867.



This preview shows how white text looks on a background with the XYZ color 79.3141, 86.8268,

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

79.3141, 86.8268, 107.1867

Protanopia

83.9223, 86.6394, 103.5667

Deuteranopia

87.3338, 86.1933, 106.6417



Tritanopia

81.1662, 86.8930, 107.1019

Trichromacy



Original Color

79.3141, 86.8268, 107.1867

Protanomaly

82.0095, 86.5043, 104.4701

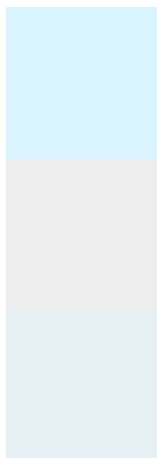
Deuteranomaly

84.2694, 86.3136, 106.8265

Tritanomaly

80.5320, 87.0092, 107.1577

Monochromacy



Original Color

79.3141, 86.8268, 107.1867

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1223, 85.6748, 97.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3141, 86.8268, 107.1867 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(218, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 244, 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(218, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3141, 86.8268, 107.1867 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(218, 244, 255) }
```


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

```
.border{ border-color:rgb(218, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3141, 86.8268, 107.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 244, 255) }
```

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

```
.background{ background-color: rgb(218,  
244, 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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