

Converting Colors

XYZ(83.4406, 88.4082,
128.2738)

Have a look what the booklet for
XYZ(83.4406, 88.4082, 128.2738)
contains.

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Color

**XYZ(79.6141, 86.9814,
107.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF4FF
RGB	219, 244, 255
RGB Percent	86%, 96%, 100%
CMY	0.1412, 0.0431, 0.0000
CMYK	0.14, 0.04, 0.00, 0.00
HSL	198°, 100%, 93%
HSV	198°, 14%, 100%
XYZ	79.6141, 86.9814, 107.2007
YIQ	237.7790, -18.4310, -1.8790

Conversions

Conversions Part 2

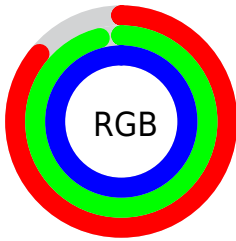
Format	Color
R _Y B	219, 234, 255
Decimal	14415103
CIE Lab	94.73, -5.96, -8.05
CIE LCh	95, 10.017, 233.480
Yxy	86.9814, 0.2908, 0.3177
Android (android.graphics.Color)	4292605183 (0xFFDBF4FF)
YUV	237.7790, 8.4900, -16.4692
Hunter-Lab	93.2638, -10.8362, -2.8653

Details

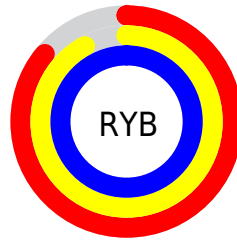
The XYZ color **79.6141, 86.9814, 107.2007** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3226, 82.9667, 78.6948**, and the grayscale version is **81.0457, 85.2664, 92.8551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4861, 47.9362, 60.3867** is the 20% darker color. If you saturate the color by 10%, you get **70.2285, 78.7393, 106.1045**, and if you desaturate by 10%, it is **90.2785, 96.0344, 108.3861**.

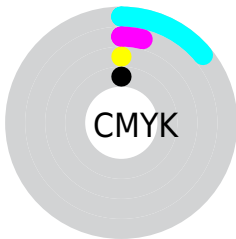
Distribution



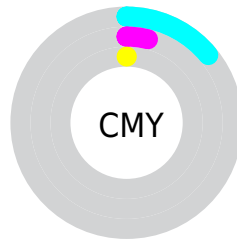
- Red (86%)
- Green (96%)
- Blue (100%)



- Red (86%)
- Yellow (92%)
- Blue (100%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6141, 86.9814, 107.2007 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 79.6141, 86.9814, 107.2007 by changing the saturation by 10% instead.

79.6141, 86.9814,
107.2007

79.6141, 86.9814,
107.2007

482.3877,
518.1617, 604.4830

59.7082, 65.4798,
81.6773

131.7764,
143.1382, 173.1558

43.4321, 47.8502,
60.5653

164.7636,
178.5622, 214.4246

30.4202, 33.7083,
43.4462

202.8418,
219.3958, 261.7790

20.3074, 22.6696,
29.9014

246.3766,
266.0235, 315.6374

12.7283, 14.3497,
19.5123

295.7332,
318.8295, 376.4185

7.3174, 8.3643,
11.8605

351.2771,

3.7095, 4.3289,

378.1982, 444.5408

6.5274

413.3734,
444.5142, 520.4228

■ 1.5391, 1.8592,
3.0944

■ 0.3522, 0.5237,
1.1430

■ 79.6141, 86.9814,
107.2007

■ 79.6141, 86.9814,
107.2007

■ 70.2285, 78.7393,
106.1045

■ 90.2785, 96.0344,
108.3861

■ 62.0603, 71.2677,
105.0929

95.0500, 100.0000,
108.9000

■ 55.0531, 64.5380,
104.1632

■ 49.1432, 58.5156,
103.3123

■ 44.2603, 53.1622,
102.5363

■ 40.3254, 48.4353,
101.8313

■ 37.2469, 44.2855,
101.1926

■ 34.9129, 40.6533,
100.6145

■ 33.7947, 38.7095,
100.2982

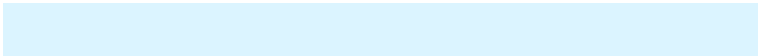
Harmonies

Analogous

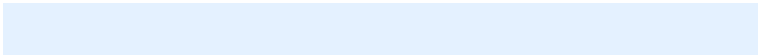
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9903, 86.9814, 100.7727



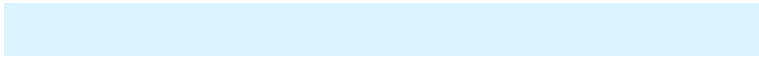
79.6141, 86.9814, 107.2007



82.0836, 86.9814, 110.3046

Triad

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



79.6141, 86.9814, 107.2007



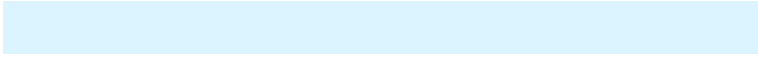
87.9534, 86.9814, 96.4107



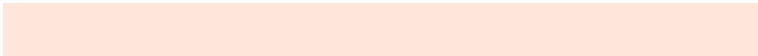
80.6165, 86.9814, 81.6823

Complementary

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



79.6141, 86.9814, 107.2007



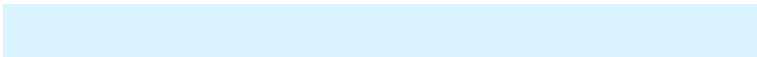
82.3226, 82.9667, 78.6948

Split Complementary

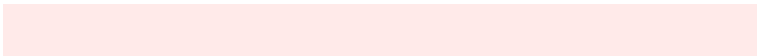
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2656, 86.9814, 80.6555



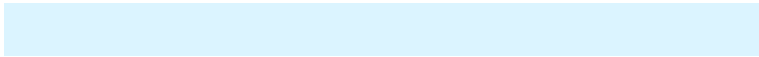
79.6141, 86.9814, 107.2007



87.5400, 86.9814, 88.8916

Square

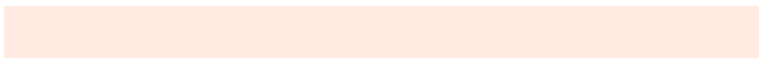
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6141, 86.9814, 107.2007



86.9274, 86.9814, 103.8592



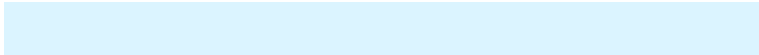
85.8097, 86.9814, 83.2256



78.5601, 86.9814, 86.1107

Rectangle

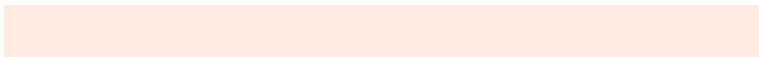
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6141, 86.9814, 107.2007



83.8926, 86.9814, 109.9570



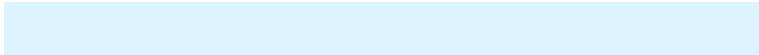
85.8097, 86.9814, 83.2256



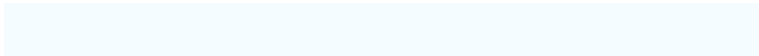
81.4657, 86.9814, 80.9383

Sweetspot

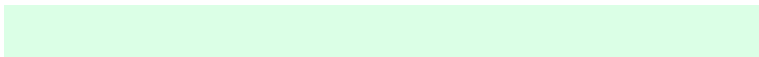
The Sweet Spot groups the original color and five complimentary colors.



79.6164, 86.9849, 107.2013



90.4106, 96.1449, 108.4004



79.2292, 92.2825, 88.3535



19.1699, 20.4270, 23.1824



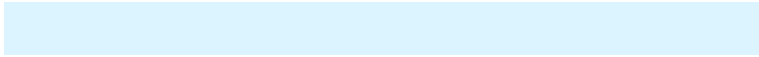
0.0000, 0.0000, 0.0000



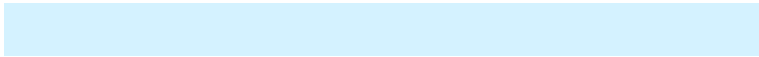
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6164, 86.9849, 107.2013



76.7812, 84.5262, 106.8761



74.5155, 76.7831, 105.5010



18.0592, 19.4900, 23.0601



17.7966, 20.5027, 52.4540



1.8294, 2.1895, 5.1395

Inverse Universe

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



82.9021, 78.4563, 96.3662



80.6870, 74.5685, 93.9556



87.5326, 93.3868, 80.4315



18.5425, 18.2003, 21.4740



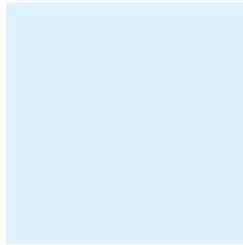
25.7711, 12.7977, 23.2428



2.5580, 1.2656, 2.5199

Previews

White Background



This preview shows how the XYZ color 79.6141, 86.9814, 107.2007 looks on a white background.

Color Contrast Check

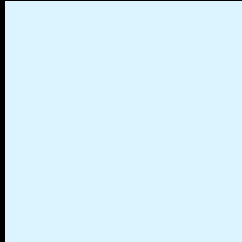
Large Text (above 18pt) WCAG AA × Fail

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 79.6141, 86.9814, 107.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

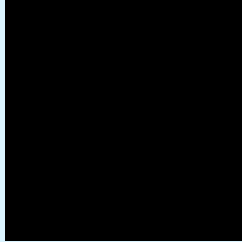
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

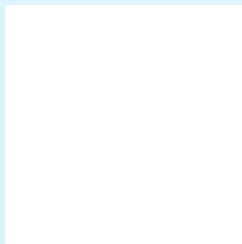
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6141, 86.9814, 107.2007

Background



This preview shows how black text looks on a background with the XYZ color 79.6141, 86.9814, 107.2007.



This preview shows how white text looks on a background with the XYZ color 79.6141, 86.9814,

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

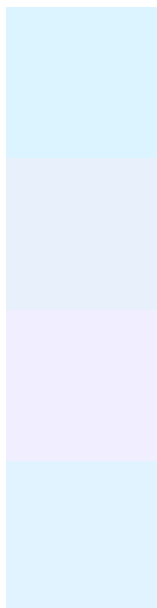




Tritanopia

81.4807, 87.0552, 107.1166

Trichromacy



Original Color

79.6141, 86.9814, 107.2007

Protanomaly

82.0095, 86.5043, 104.4701

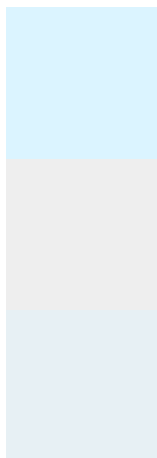
Deuteranomaly

84.9002, 87.0698, 106.9392

Tritanomaly

80.8411, 87.1685, 107.1722

Monochromacy



Original Color

79.6141, 86.9814, 107.2007

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4442, 85.8408, 97.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6141, 86.9814, 107.2007 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(219, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6141, 86.9814, 107.2007 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(219, 244, 255) }
```


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

```
.border{ border-color:rgb(219, 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(219, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6141, 86.9814, 107.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 244, 255) }
```

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

```
.background{ background-color: rgb(219,  
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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