

Converting Colors

XYZ(79.2854, 86.3243,
107.0912)

Have a look what the booklet for
XYZ(79.2854, 86.3243, 107.0912)
contains.

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Color

**XYZ(79.3140, 86.3813,
107.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF3FF
RGB	219, 243, 255
RGB Percent	86%, 95%, 100%
CMY	0.1412, 0.0470, 0.0000
CMYK	0.14, 0.05, 0.00, 0.00
HSL	200°, 100%, 93%
HSV	200°, 14%, 100%
XYZ	79.3140, 86.3813, 107.1007
YIQ	237.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

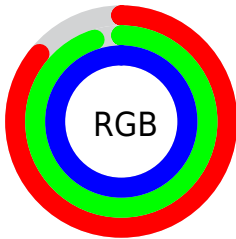
Format	Color
R _Y B	219, 233, 255
Decimal	14414847
CIE _{Lab}	94.48, -5.45, -8.43
CIE _{LCh}	94, 10.039, 237.094
Y _{xy}	86.3813, 0.2907, 0.3167
Android (android.graphics.Color)	4292604927 (0xFFDBF3FF)
Y _{UV}	237.1920, 8.7793, -15.9544
Hunter-Lab	92.9415, -10.3202, -3.2634

Details

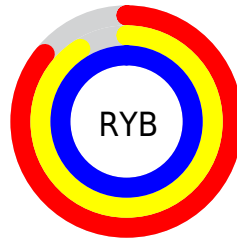
The XYZ color **79.3140, 86.3813, 107.1007** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.6015, 83.5247, 78.7877**, and the grayscale version is **80.5906, 84.7876, 92.3337**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2732, 47.5104, 60.3158** is the 20% darker color. If you saturate the color by 10%, you get **69.7384, 77.7592, 105.9412**, and if you desaturate by 10%, it is **90.1870, 95.8515, 108.3556**.

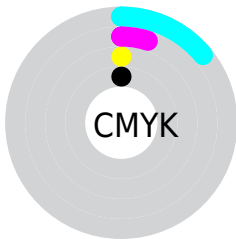
Distribution



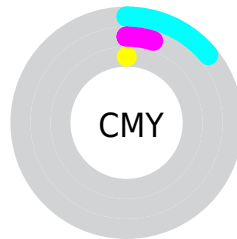
- Red (86%)
- Green (95%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3140, 86.3813, 107.1007 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 79.3140, 86.3813, 107.1007 by changing the saturation by 10% instead.

79.3140, 86.3813,
107.1007

79.3140, 86.3813,
107.1007

481.3898,
516.1877, 604.1662

59.4605, 64.9833,
81.5939

131.3564,
142.3015, 173.0181

43.2318, 47.4476,
60.4970

164.2761,
177.5924, 214.2659

30.2623, 33.3896,
43.3914

202.2818,
218.2832, 261.5976

20.1868, 22.4251,
29.8587

245.7391,
264.7581, 315.4320

12.6400, 14.1696,
19.4802

295.0131,
317.4017, 376.1875

7.2564, 8.2387,
11.8375

350.4694,

3.6707, 4.2481,

376.5982, 444.2826

6.5119

412.4731,
442.7320, 520.1360

■ 1.5176, 1.8133,
3.0850

■ 0.3377, 0.4954,
1.1382

■ 79.3140, 86.3813,
107.1007

■ 79.3140, 86.3813,
107.1007

■ 69.7384, 77.7592,
105.9412

■ 90.1870, 95.8515,
108.3556

■ 61.3985, 69.9442,
104.8723

95.0500, 100.0000,
108.9000

■ 54.2375, 62.9070,
103.8914

■ 48.1914, 56.6120,
102.9950

■ 43.1893, 51.0203,
102.1793

■ 39.1520, 46.0885,
101.4402

■ 35.9873, 41.7665,
100.7727

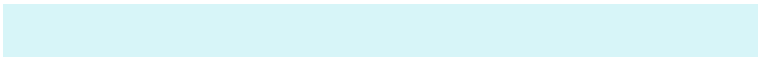
■ 33.5831, 37.9937,
100.1712

■ 32.4308, 35.9816,
99.8436

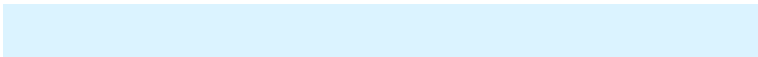
Harmonies

Analogous

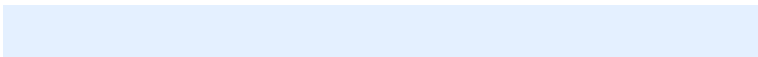
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5662, 86.3813, 100.9916



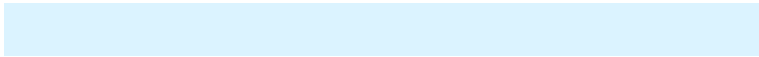
79.3140, 86.3813, 107.1007



81.8398, 86.3813, 109.7024

Triad

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



79.3140, 86.3813, 107.1007



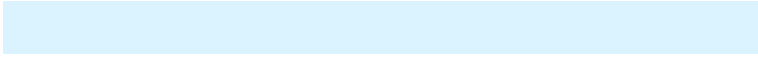
87.3988, 86.3813, 94.8106



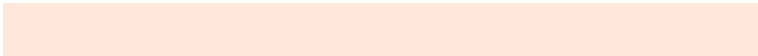
79.7605, 86.3813, 81.4265

Complementary

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



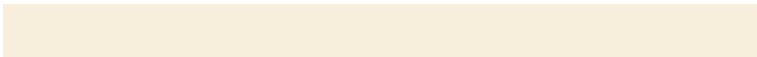
79.3140, 86.3813, 107.1007



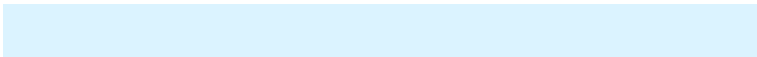
82.6015, 83.5247, 78.7877

Split Complementary

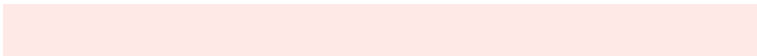
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3664, 86.3813, 79.9702



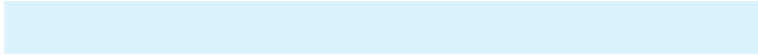
79.3140, 86.3813, 107.1007



86.8130, 86.3813, 87.4427

Square

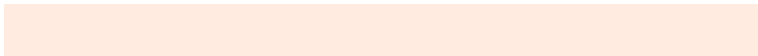
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3140, 86.3813, 107.1007



86.5400, 86.3813, 102.3673



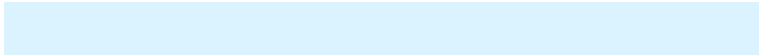
84.9563, 86.3813, 82.1134



77.8200, 86.3813, 86.2045

Rectangle

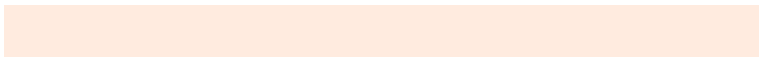
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3140, 86.3813, 107.1007



83.6386, 86.3813, 108.9972



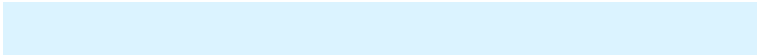
84.9563, 86.3813, 82.1134



80.5860, 86.3813, 80.5441

Sweetspot

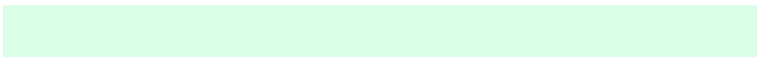
The Sweet Spot groups the original color and five complimentary colors.



79.3163, 86.3848, 107.1013



90.3218, 95.9672, 108.3708



79.3135, 92.3162, 88.7974



19.1474, 20.3819, 23.1749



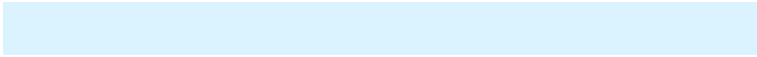
0.0000, 0.0000, 0.0000



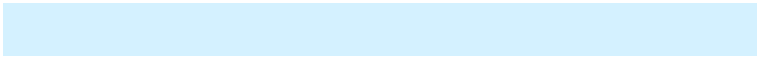
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3163, 86.3848, 107.1013



76.4245, 83.8128, 106.7572



74.3523, 76.4568, 105.4466



18.0151, 19.4017, 23.0454



17.0888, 19.0871, 52.2181



1.7644, 2.0595, 5.1178

Inverse Universe

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



82.7506, 78.3956, 95.5687



80.5069, 74.4965, 93.0075



87.7171, 93.7559, 80.4929



18.5202, 18.1914, 21.3568



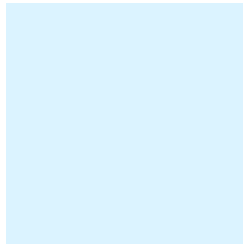
25.4138, 12.6548, 21.3615



2.5252, 1.2525, 2.3471

Previews

White Background



This preview shows how the XYZ color 79.3140, 86.3813, 107.1007 looks on a white background.

Color Contrast Check

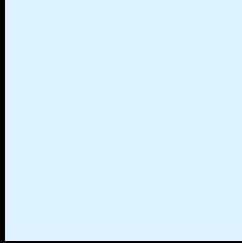
Large Text (above 18pt) WCAG AA × Fail

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 79.3140, 86.3813, 107.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

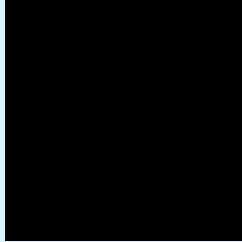
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

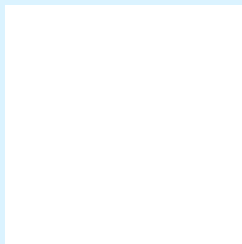
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3140, 86.3813, 107.1007

Background



This preview shows how black text looks on a background with the XYZ color 79.3140, 86.3813, 107.1007.

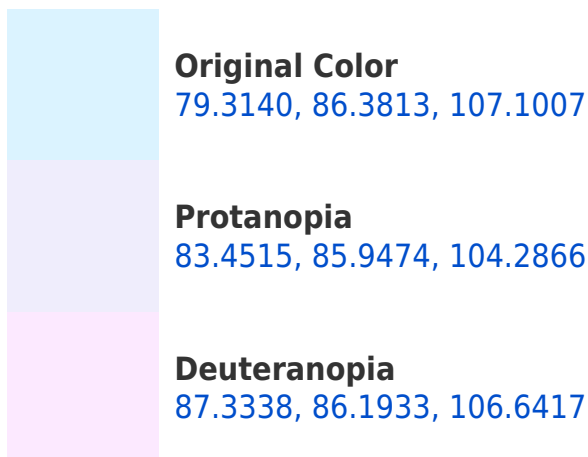


This preview shows how white text looks on a background with the XYZ color 79.3140, 86.3813,

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

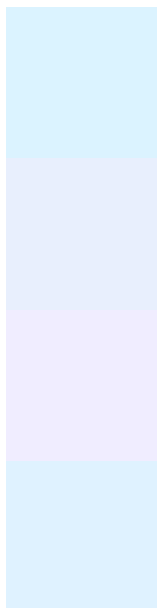




Tritanopia

80.8693, 86.2993, 107.0029

Trichromacy



Original Color

79.3140, 86.3813, 107.1007

Protanomaly

81.8748, 85.9807, 105.2092

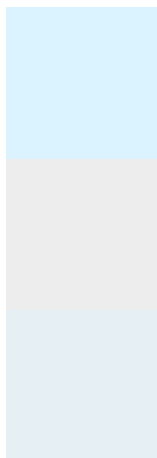
Deuteranomaly

84.2694, 86.3136, 106.8265

Tritanomaly

80.2336, 86.4122, 107.0582

Monochromacy



Original Color

79.3140, 86.3813, 107.1007

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8288, 85.0877, 97.8041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3140, 86.3813, 107.1007 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3140, 86.3813, 107.1007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

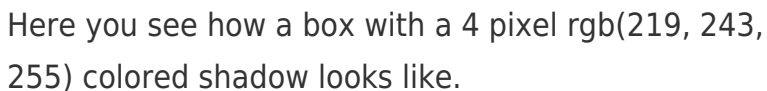
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 243, 255) }
```


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

```
.border{ border-color:rgb(219, 243, 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, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3140, 86.3813, 107.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 255) }
```

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

```
.background{ background-color: rgb(219,  
243, 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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