

Converting Colors

XYZ(83.1511, 90.2676,
132.1757)

Have a look what the booklet for
XYZ(83.1511, 90.2676, 132.1757)
contains.

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Color

**XYZ(78.4814, 88.2037,
107.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8FF
RGB	211, 248, 255
RGB Percent	83%, 97%, 100%
CMY	0.1725, 0.0274, 0.0000
CMYK	0.17, 0.03, 0.00, 0.00
HSL	190°, 100%, 91%
HSV	190°, 17%, 100%
XYZ	78.4814, 88.2037, 107.4963
YIQ	237.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

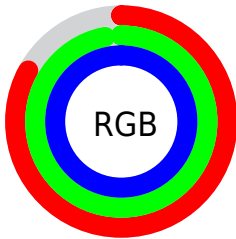
Format	Color
R_{YB}	211, 231, 255
Decimal	13891839
CIE _{Lab}	95.25, -10.43, -7.34
CIE _{LCh}	95, 12.757, 215.140
Yxy	88.2037, 0.2862, 0.3217
Android (android.graphics.Color)	4292081919 (0xFFD3F8FF)
YUV	237.7350, 8.5116, -23.4466
Hunter-Lab	93.9168, -15.1913, -2.1210

Details

The XYZ color **78.4814, 88.2037, 107.4963** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.0690, 76.1048, 72.2048**, and the grayscale version is **81.0149, 85.2339, 92.8198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7530, 48.8444, 60.6007** is the 20% darker color. If you saturate the color by 10%, you get **70.5150, 82.2688, 106.7707**, and if you desaturate by 10%, it is **87.6382, 94.7970, 108.2864**.

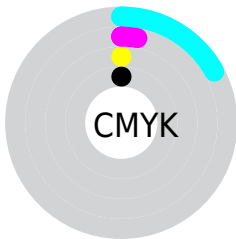
Distribution



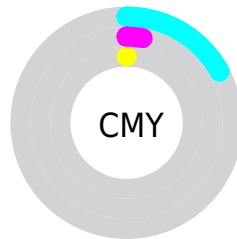
- Red (83%)
- Green (97%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4814, 88.2037, 107.4963 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 78.4814, 88.2037, 107.4963 by changing the saturation by 10% instead.

78.4814, 88.2037,
107.4963

78.4814, 88.2037,
107.4963

478.6150,
522.1701, 605.4191

58.7737, 66.4918,
81.9239

130.1903,
144.8407, 173.5627

42.6766, 48.6717,
60.7674

162.9222,
180.5346, 214.8938

29.8249, 34.3591,
43.6081

200.7262,
221.6579, 262.3149

19.8531, 23.1696,
30.0276

243.9676,
268.5951, 316.2445

12.3960, 14.7188,
19.6073

293.0119,
321.7305, 377.1012

7.0881, 8.6223,
11.9287

348.2243,

3.5641, 4.4956,

381.4485, 445.3035

6.5732

409.9702,
448.1336, 521.2700

■ 1.4586, 1.9545,
3.1223

■ 0.2974, 0.5808,
1.1574

■ 78.4814, 88.2037,
107.4963

■ 78.4814, 88.2037,
107.4963

■ 70.5150, 82.2688,
106.7707

■ 87.6382, 94.7970,
108.2864

■ 63.6775, 76.9534,
106.1051

95.0500, 100.0000,
108.9000

■ 57.9120, 72.2302,
105.4973

■ 53.1542, 68.0657,
104.9442

■ 49.3322, 64.4228,
104.4425

■ 46.3649, 61.2593,
103.9883

■ 44.1566, 58.5257,
103.5770

■ 42.5841, 56.1580,
103.2029

■ 42.2129, 55.5458,
103.1043

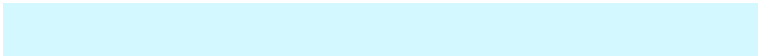
Harmonies

Analogous

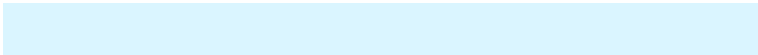
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3457, 88.2037, 97.7659



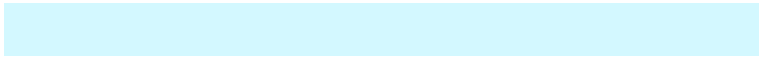
78.4814, 88.2037, 107.4963



81.0533, 88.2037, 114.4967

Triad

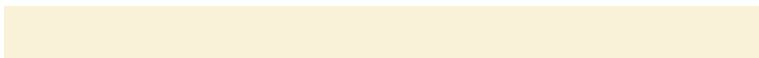
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4814, 88.2037, 107.4963



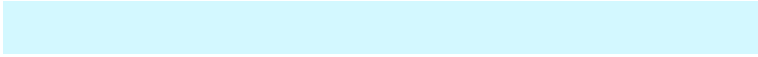
90.0539, 88.2037, 104.3225



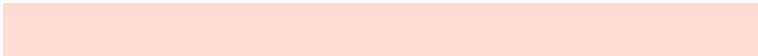
83.2370, 88.2037, 78.1891

Complementary

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



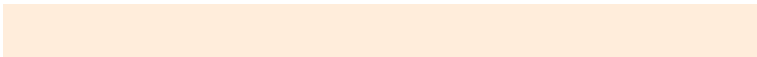
78.4814, 88.2037, 107.4963



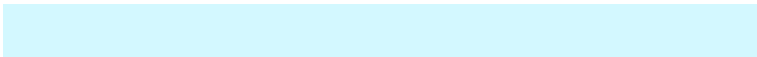
78.0690, 76.1048, 72.2048

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.



86.6796, 88.2037, 79.6796



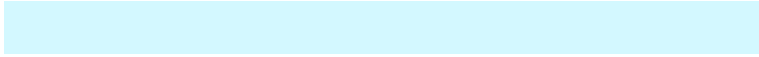
78.4814, 88.2037, 107.4963



90.6774, 88.2037, 94.3323

Square

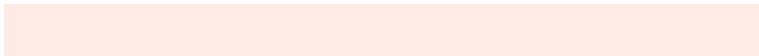
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4814, 88.2037, 107.4963



87.7455, 88.2037, 112.5773



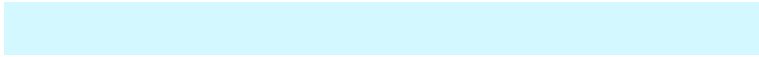
89.4266, 88.2037, 85.4259



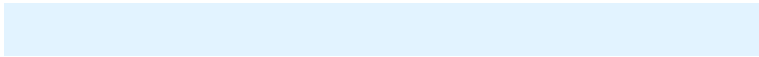
80.0423, 88.2037, 81.2050

Rectangle

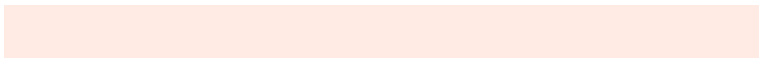
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



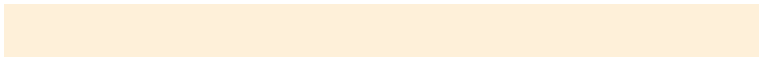
78.4814, 88.2037, 107.4963



83.2693, 88.2037, 116.4265



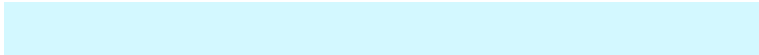
89.4266, 88.2037, 85.4259



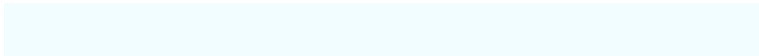
84.4032, 88.2037, 78.1820

Sweetspot

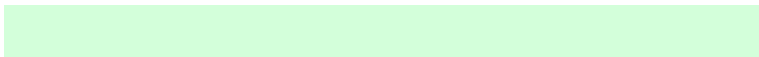
The Sweet Spot groups the original color and five complimentary colors.



78.4837, 88.2072, 107.4969



89.8706, 96.3750, 108.4733



75.2276, 90.4104, 79.5432



19.0856, 20.5221, 23.2052



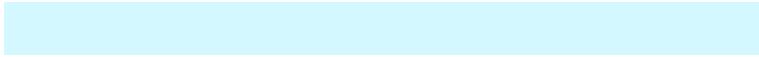
0.0000, 0.0000, 0.0000



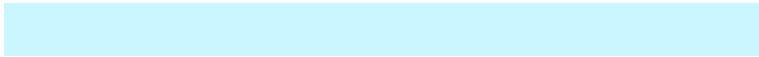
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4837, 88.2072, 107.4969



75.3625, 85.9078, 107.2176



72.2205, 75.6808, 105.4092



18.2945, 19.9606, 23.1385



22.1492, 29.2079, 53.9049



2.2196, 2.9699, 5.2695

Inverse Universe

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



81.4790, 74.6275, 98.9212



78.9410, 69.9271, 96.9173



84.0409, 88.0488, 74.1955



18.6613, 18.2478, 22.0994



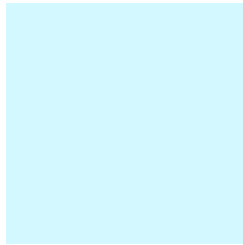
27.9681, 13.6765, 34.8120



2.7550, 1.3444, 3.5571

Previews

White Background



This preview shows how the XYZ color 78.4814, 88.2037, 107.4963 looks on a white background.

Color Contrast Check

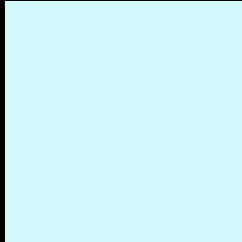
Large Text (above 18pt) WCAG AA × Fail

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 78.4814, 88.2037, 107.4963 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 78.4814, 88.2037, 107.4963

Background



This preview shows how black text looks on a background with the XYZ color 78.4814, 88.2037, 107.4963.



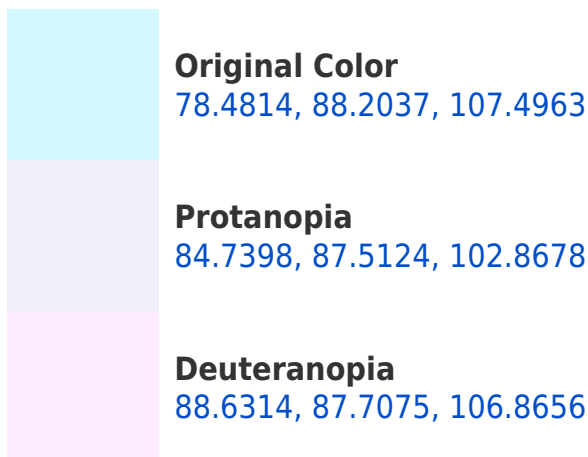
This preview shows how white text looks on a background with the XYZ color 78.4814, 88.2037,

107.4963.

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

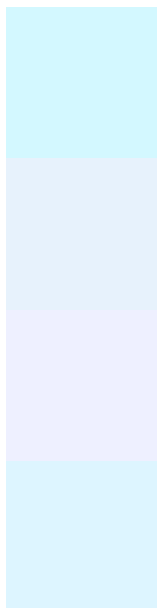




Tritanopia

81.7647, 88.0901, 107.3014

Trichromacy



Original Color

78.4814, 88.2037, 107.4963

Protanomaly

82.2778, 87.5215, 104.6523

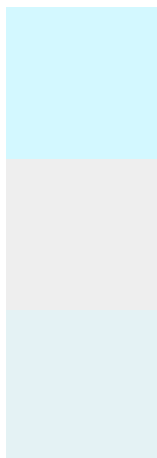
Deuteranomaly

84.4700, 87.7173, 107.0868

Tritanomaly

80.5212, 87.8970, 107.3296

Monochromacy



Original Color

78.4814, 88.2037, 107.4963

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.0762, 86.5299, 98.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4814, 88.2037, 107.4963 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(211, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 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(211, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.4814, 88.2037, 107.4963 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(211, 248, 255) }
```


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

```
.border{ border-color:rgb(211, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4814, 88.2037, 107.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 255) }
```

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

```
.background{ background-color: rgb(211,  
248, 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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