

Converting Colors

XYZ(74.8001, 89.7864, 97.8701)

Have a look what the booklet for
XYZ(74.8001, 89.7864, 97.8701)
contains.

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Color

**XYZ(74.9636, 89.8614,
98.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFF3
RGB	197, 255, 243
RGB Percent	77%, 100%, 95%
CMY	0.2274, 0.0000, 0.0471
CMYK	0.23, 0.00, 0.05, 0.00
HSL	168°, 100%, 89%
HSV	168°, 23%, 100%
XYZ	74.9636, 89.8614, 98.1880
YIQ	236.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

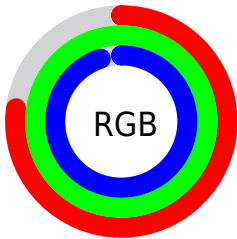
Format	Color
R_{YB}	197, 229, 255
Decimal	12976115
CIE Lab	95.94, -20.53, -0.23
CIE LCh	96, 20.535, 180.631
Yxy	89.8614, 0.2850, 0.3417
Android (android.graphics.Color)	4291166195 (0xFFC5FFF3)
YUV	236.2900, 3.3080, -34.4573
Hunter-Lab	94.7953, -24.7348, 4.9447

Details

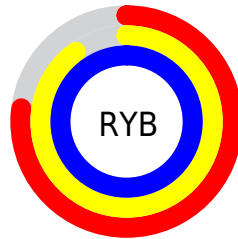
The XYZ color **74.9636, 89.8614, 98.1880** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7155, 65.7971, 69.1896**, and the grayscale version is **79.9430, 84.1063, 91.5917**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3191, 49.7268, 54.4869** is the 20% darker color. If you saturate the color by 10%, you get **68.0567, 86.3914, 93.7667**, and if you desaturate by 10%, it is **83.0246, 93.9236, 102.7857**.

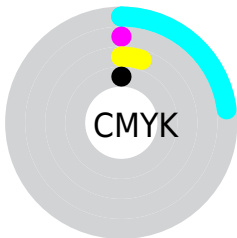
Distribution



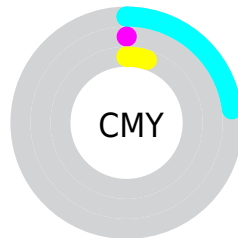
- Red (77%)
- Green (100%)
- Blue (95%)



- Red (77%)
- Yellow (90%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9636, 89.8614, 98.1880 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 74.9636, 89.8614, 98.1880 by changing the saturation by 10% instead.


 74.9636, 89.8614,
98.1880

 74.9636, 89.8614,
98.1880


466.7916,
527.5799, 575.5644

 55.8771, 67.8657,
74.1797

125.2490,
147.1459, 160.6949

 40.3410, 49.7885,
54.4434


157.1787,
183.2034, 200.0307

 27.9899, 35.2454,
38.5607


194.1201,
224.7170, 245.3126

 18.4585, 23.8519,
26.1130

236.4387,
272.0711, 296.9593

 11.3813, 15.2238,
16.6816

284.4998,
325.6500, 355.3893

 6.3931, 8.9766,
9.8482

338.6687,

 3.1285, 4.7259,

385.8382, 421.0211

5.1942

399.3109,
453.0200, 494.2733

■ 1.2221, 2.0874,
2.3009

■ 0.1237, 0.6575,
0.7317

■ 74.9636, 89.8614,
98.1880

■ 74.9636, 89.8614,
98.1880

■ 68.0567, 86.3914,
93.7667

■ 83.0246, 93.9236,
102.7857

■ 62.2442, 83.4831,
89.5137

■ 92.2900, 98.6040,
107.5588

■ 57.4650, 81.1049,
85.4265

■ 95.0500, 100.0000,
108.9000

■ 53.6511, 79.2216,
81.5011

■ 50.7257, 77.7939,
77.7327

■ 48.6006, 76.7763,
74.1162

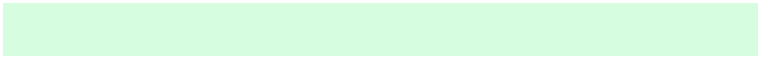
■ 47.1686, 76.1134,
70.6455

■ 46.4500, 75.7960,
68.2126

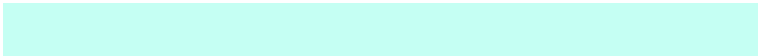
Harmonies

Analogous

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



76.2551, 89.8614, 83.3121



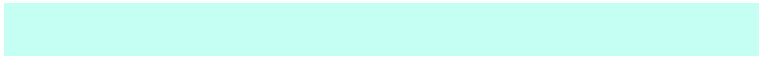
74.9636, 89.8614, 98.1880



76.3665, 89.8614, 114.6345

Triad

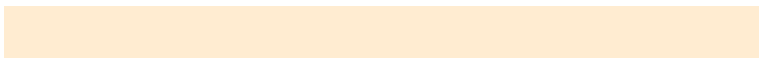
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9636, 89.8614, 98.1880



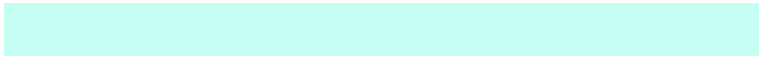
91.0881, 89.8614, 127.2529



90.8712, 89.8614, 73.0721

Complementary

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



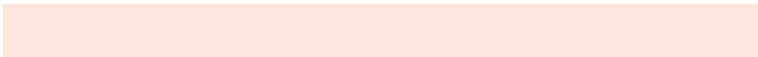
74.9636, 89.8614, 98.1880



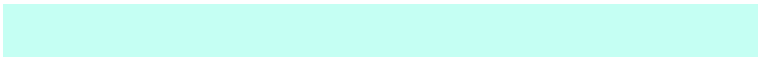
72.7155, 65.7971, 69.1896

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.



95.1419, 89.8614, 82.7783



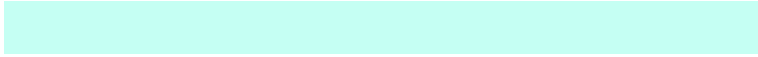
74.9636, 89.8614, 98.1880



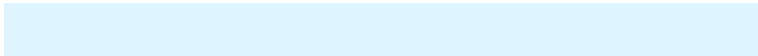
95.2710, 89.8614, 113.9740

Square

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



74.9636, 89.8614, 98.1880



85.5307, 89.8614, 132.5137



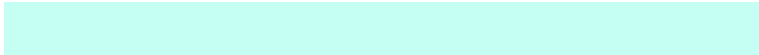
96.7856, 89.8614, 97.5004



85.2906, 89.8614, 69.8190

Rectangle

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



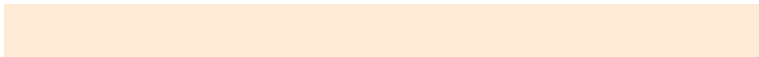
74.9636, 89.8614, 98.1880



78.6783, 89.8614, 124.0284



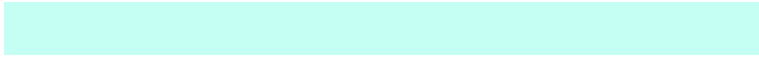
96.7856, 89.8614, 97.5004



92.5163, 89.8614, 75.6311

Sweetspot

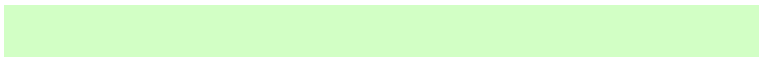
The Sweet Spot groups the original color and five complimentary colors.



74.9645, 89.8618, 98.1895



88.1962, 96.5348, 105.5056



72.2940, 89.1897, 66.2298



18.7572, 20.6016, 22.5208



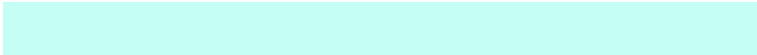
0.0000, 0.0000, 0.0000



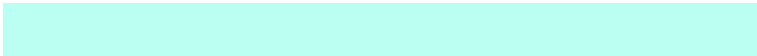
20.3446, 21.4041, 23.3091

Same Dimension

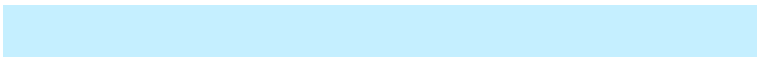
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9645, 89.8618, 98.1895



71.8870, 88.3142, 96.2862



71.8166, 80.5706, 106.3743



18.3844, 20.4133, 22.3272



24.3271, 39.6274, 35.9375



2.4073, 3.8738, 3.7024

Inverse Universe

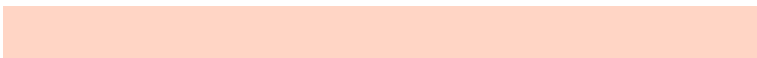
The Inverse Universe completely reimagines the original color for something new.



72.7155, 65.7971, 69.1896



69.3019, 60.6296, 62.9349



75.2221, 73.0990, 62.9696



18.1631, 18.0485, 19.4758



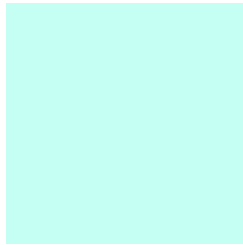
21.9244, 11.2591, 2.9865



2.1720, 1.1112, 0.4872

Previews

White Background



This preview shows how the XYZ color 74.9636, 89.8614, 98.1880 looks on a white background.

Color Contrast Check

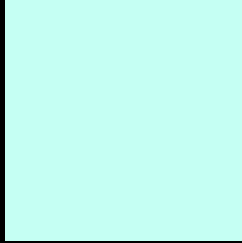
Large Text (above 18pt) WCAG AA × Fail

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 74.9636, 89.8614, 98.1880 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

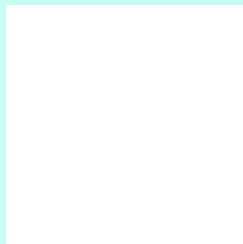
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9636, 89.8614, 98.1880

Background



This preview shows how black text looks on a background with the XYZ color 74.9636, 89.8614, 98.1880.



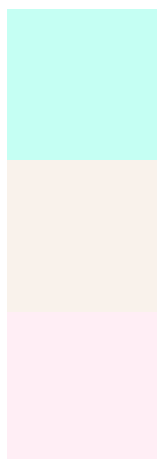
This preview shows how white text looks on a background with the XYZ color 74.9636, 89.8614,

98.1880.

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

74.9636, 89.8614, 98.1880

Protanopia

85.8144, 89.6422, 91.3770

Deuteranopia

88.2960, 89.0016, 98.9115



Tritanopia

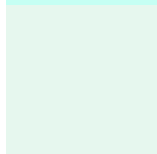
82.6843, 89.4624, 107.5178

Trichromacy



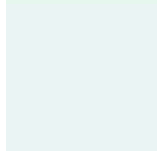
Original Color

74.9636, 89.8614, 98.1880



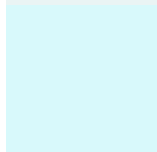
Protanomaly

81.3265, 89.5176, 93.8812



Deuteranomaly

82.6115, 88.7254, 98.3596



Tritanomaly

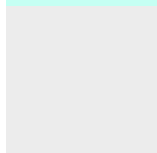
79.6072, 89.3153, 104.3106

Monochromacy



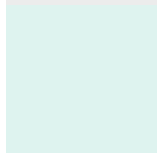
Original Color

74.9636, 89.8614, 98.1880



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7548, 85.8628, 94.1364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9636, 89.8614, 98.1880 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(197, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 243)  
}
```

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(197, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.9636, 89.8614, 98.1880 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(197, 255, 243) }
```


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

```
.border{ border-color:rgb(197, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(197, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9636, 89.8614, 98.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 243) }
```

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

```
.background{ background-color: rgb(197,  
255, 243) }
```

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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