

Converting Colors

XYZ(78.1777, 89.2348,
101.8893)

Have a look what the booklet for
XYZ(78.1777, 89.2348, 101.8893)
contains.

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Color

**XYZ(77.9929, 88.9974,
101.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FAF8
RGB	211, 250, 248
RGB Percent	83%, 98%, 97%
CMY	0.1725, 0.0196, 0.0274
CMYK	0.16, 0.00, 0.01, 0.02
HSL	177°, 80%, 90%
HSV	177°, 16%, 98%
XYZ	77.9929, 88.9974, 101.8745
YIQ	238.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

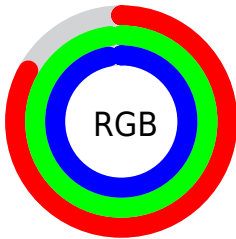
Format	Color
R_{YB}	211, 231, 250
Decimal	13892344
CIE _{Lab}	95.58, -12.84, -3.24
CIE _{LCh}	96, 13.243, 194.140
Yxy	88.9974, 0.2901, 0.3310
Android (android.graphics.Color)	4292082424 (0xFFD3FAF8)
YUV	238.1110, 4.8753, -23.7763
Hunter-Lab	94.3384, -17.5200, 2.0106

Details

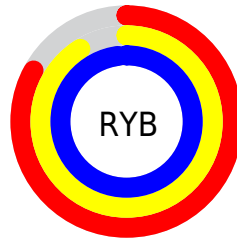
The XYZ color **77.9929, 88.9974, 101.8745** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7321, 71.7192, 72.8591**, and the grayscale version is **81.3321, 85.5677, 93.1832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2947, 49.0136, 57.1006** is the 20% darker color. If you saturate the color by 10%, you get **71.1823, 85.5117, 100.5211**, and if you desaturate by 10%, it is **85.9238, 93.0652, 103.2912**.

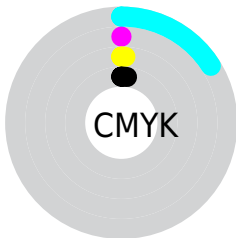
Distribution



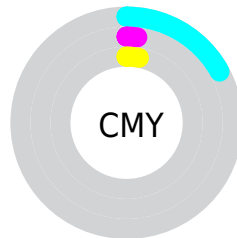
- Red (83%)
- Green (98%)
- Blue (97%)



- Red (83%)
- Yellow (91%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9929, 88.9974, 101.8745 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 77.9929, 88.9974, 101.8745 by changing the saturation by 10% instead.

77.9929, 88.9974,
101.8745

77.9929, 88.9974,
101.8745

476.9829,
524.7640, 587.4838

58.3709, 67.1494,
77.2413

129.5055,
145.9450, 165.8051

42.3513, 49.2060,
56.9382

162.1269,
181.8133, 205.9396

29.5688, 34.7830,
40.5466

199.8121,
223.1239, 252.0783

19.6580, 23.4957,
27.6480

242.9264,
270.2611, 304.6398

12.2535, 14.9600,
17.8237

291.8353,
323.6093, 364.0425

6.9900, 8.7913,
10.6554

346.9042,

3.5021, 4.6053,

383.5529, 430.7051

5.7244

408.4982,
450.4764, 505.0460

■ 1.4245, 2.0176,
2.6121

■ 0.2736, 0.6177,
0.8987

■ 77.9929, 88.9974,
101.8745

■ 77.9929, 88.9974,
101.8745

■ 71.1823, 85.5117,
100.5211

■ 85.9238, 93.0652,
103.2912

■ 65.4332, 82.5707,
99.2226

■ 92.7721, 96.5724,
104.6626

■ 60.6925, 80.1495,
97.9784

■ 92.9748, 96.6534,
105.7301

■ 56.9001, 78.2169,
96.7857

■ 93.1789, 96.7351,
106.8048

■ 53.9891, 76.7385,
95.6413

■ 93.3844, 96.8173,
107.8868

■ 51.8840, 75.6754,
94.5417

■ 93.4772, 96.8544,
108.3757

■ 50.4966, 74.9822,
93.4827

■ 49.7179, 74.6026,
92.4593

■ 49.4972, 74.4984,
92.0170

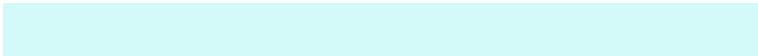
Harmonies

Analogous

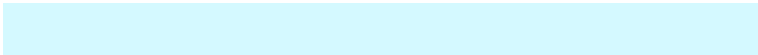
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0443, 88.9974, 91.5364



77.9929, 88.9974, 101.8745



79.6733, 88.9974, 111.5183

Triad

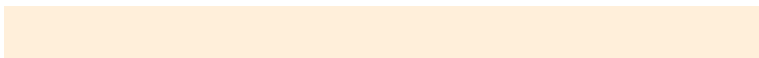
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9929, 88.9974, 101.8745



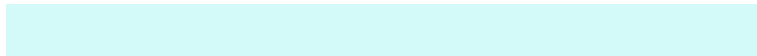
89.5495, 88.9974, 111.9852



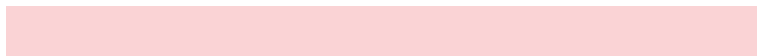
86.5133, 88.9974, 78.8997

Complementary

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



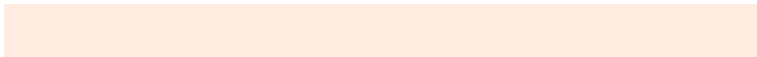
77.9929, 88.9974, 101.8745



74.7321, 71.7192, 72.8591

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.



89.7036, 88.9974, 83.6240



77.9929, 88.9974, 101.8745



91.4905, 88.9974, 102.4754

Square

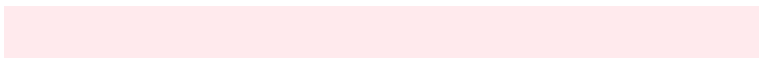
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



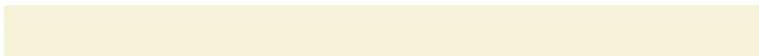
77.9929, 88.9974, 101.8745



86.3079, 88.9974, 117.6325



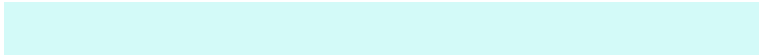
91.5477, 88.9974, 92.0960



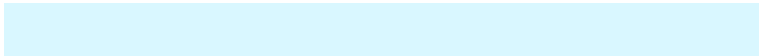
82.8938, 88.9974, 78.7643

Rectangle

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



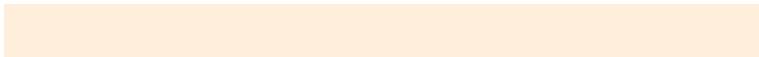
77.9929, 88.9974, 101.8745



81.5781, 88.9974, 116.0493



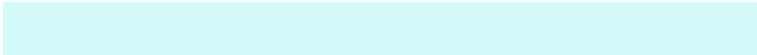
91.5477, 88.9974, 92.0960



87.6738, 88.9974, 79.9877

Sweetspot

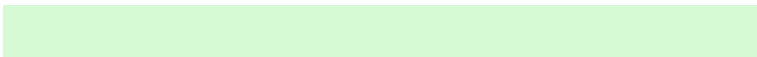
The Sweet Spot groups the original color and five complimentary colors.



77.9955, 89.0011, 101.8765



90.4085, 97.6194, 108.1333



73.5611, 87.3141, 74.6059



19.2168, 20.8257, 23.1222



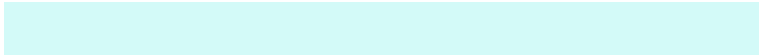
0.0000, 0.0000, 0.0000



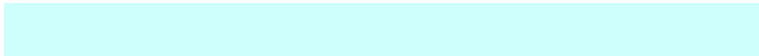
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9955, 89.0011, 101.8765



79.0184, 91.7814, 106.0718



73.2892, 79.0885, 101.8495



17.7250, 19.5923, 22.0186



26.2706, 39.5212, 48.8955



2.4446, 3.6649, 4.5891

Inverse Universe

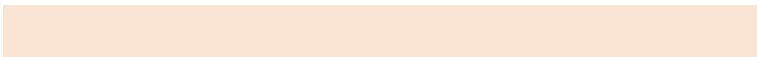
The Inverse Universe completely reimagines the original color for something new.



74.7321, 71.7192, 72.8591



74.9574, 70.2733, 69.9601



78.9013, 80.4620, 73.0019



17.2807, 17.2397, 18.0682



20.9650, 10.8017, 1.2583



1.9540, 1.0053, 0.1813

Previews

White Background



This preview shows how the XYZ color 77.9929, 88.9974, 101.8745 looks on a white background.

Color Contrast Check

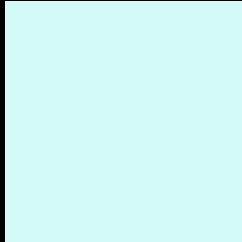
Large Text (above 18pt) WCAG AA × Fail

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 77.9929, 88.9974, 101.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

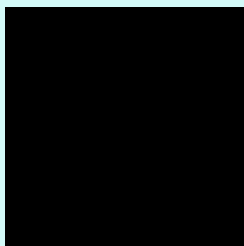
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

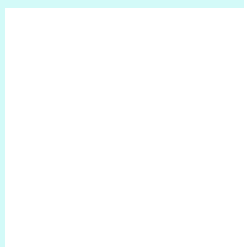
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9929, 88.9974, 101.8745

Background



This preview shows how black text looks on a background with the XYZ color 77.9929, 88.9974, 101.8745.



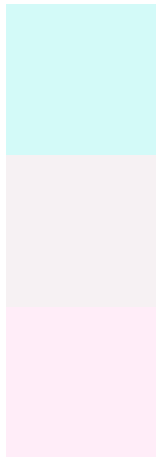
This preview shows how white text looks on a background with the XYZ color 77.9929, 88.9974,

101.8745.

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

77.9929, 88.9974, 101.8745

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

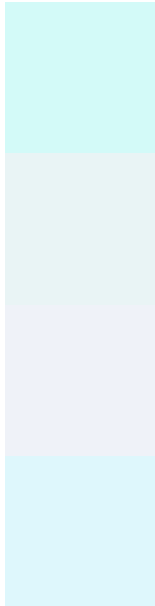
88.4675, 88.6057, 101.2468



Tritanopia

82.6973, 89.0188, 107.4315

Trichromacy



Original Color

77.9929, 88.9974, 101.8745

Protanomaly

82.4364, 88.6176, 99.1462

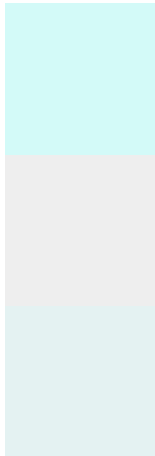
Deuteranomaly

84.2920, 88.6323, 101.4720

Tritanomaly

80.9557, 89.0794, 105.0227

Monochromacy



Original Color

77.9929, 88.9974, 101.8745

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.7741, 86.4090, 96.4785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9929, 88.9974, 101.8745 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, 250, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 250, 248)  
}
```

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, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 250, 248) }
```

Border

The CSS property to change the border of an element to XYZ 77.9929, 88.9974, 101.8745 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, 250, 248) }
```


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

```
.border{ border-color:rgb(211, 250, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 250, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 250,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9929, 88.9974, 101.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 250, 248) }
```

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

```
.background{ background-color: rgb(211,  
250, 248) }
```

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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