

Converting Colors

XYZ(78.6733, 88.1991,
103.2379)

Have a look what the booklet for
XYZ(78.6733, 88.1991, 103.2379)
contains.

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Color

**XYZ(78.8471, 88.4840,
103.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F8FA
RGB	215, 248, 250
RGB Percent	84%, 97%, 98%
CMY	0.1569, 0.0274, 0.0196
CMYK	0.14, 0.01, 0.00, 0.02
HSL	183°, 78%, 91%
HSV	183°, 14%, 98%
XYZ	78.8471, 88.4840, 103.3659
YIQ	238.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

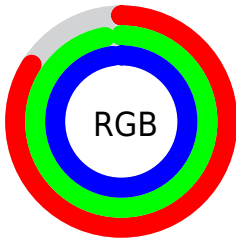
Format	Color
R _Y B	215, 232, 250
Decimal	14153978
CIE Lab	95.36, -10.21, -4.56
CIE LCh	95, 11.182, 204.042
Yxy	88.4840, 0.2913, 0.3269
Android (android.graphics.Color)	4292344058 (0xFFD7F8FA)
YUV	238.3610, 5.7380, -20.4876
Hunter-Lab	94.0659, -14.9947, 0.6944

Details

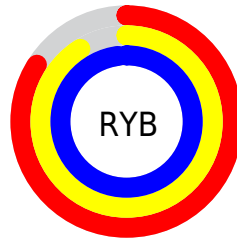
The XYZ color **78.8471, 88.4840, 103.3659** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5036, 74.8560, 74.7082**, and the grayscale version is **81.5180, 85.7633, 93.3962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0844, 49.0679, 58.2392** is the 20% darker color. If you saturate the color by 10%, you get **71.6236, 84.1140, 102.9045**, and if you desaturate by 10%, it is **87.2008, 93.4463, 103.8848**.

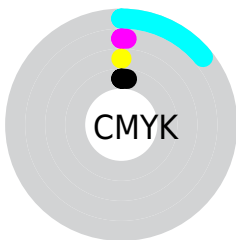
Distribution



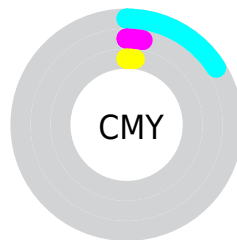
- Red (84%)
- Green (97%)
- Blue (98%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




- Cyan (16%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8471, 88.4840, 103.3659 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 78.8471, 88.4840, 103.3659 by changing the saturation by 10% instead.


 78.8471, 88.4840,
103.3659

 78.8471, 88.4840,
103.3659


479.8349,
523.0869, 592.2696

 59.0753, 66.7240,
78.4820


130.7026,
145.2308, 167.8671

 42.9203, 48.8603,
57.9512


163.5171,
180.9864, 208.3216

 30.0169, 34.5087,
41.3550


201.4098,
222.1759, 254.8033

 19.9995, 23.2847,
28.2748

244.7462,
269.1838, 307.7308

 12.5030, 14.8039,
18.2921

293.8915,
322.3945, 367.5226

 7.1618, 8.6818,
10.9883

349.2111,

 3.6107, 4.5342,

382.1923, 434.5973

5.9449

411.0705,
448.9616, 509.3735

■ 1.4844, 1.9767,
2.7433

■ 0.3152, 0.5939,
0.9651

■ 78.8471, 88.4840,
103.3659

■ 78.8471, 88.4840,
103.3659

■ 71.6236, 84.1140,
102.9045

■ 87.2008, 93.4463,
103.8848

■ 65.4718, 80.2992,
102.4924

■ 92.9482, 97.0676,
104.2809

■ 60.3397, 77.0149,
102.1290

■ 93.3951, 97.9613,
104.4298

■ 56.1678, 74.2306,
101.8115

■ 93.8453, 98.8617,
104.5799

■ 52.8904, 71.9123,
101.5367

■ 94.2556, 99.6822,
104.7167

■ 50.4336, 70.0220,
101.3013

■ 48.7117, 68.5154,
101.1013

■ 47.6200, 67.3386,
100.9317

■ 47.1763, 66.7437,
100.8402

Harmonies

Analogous

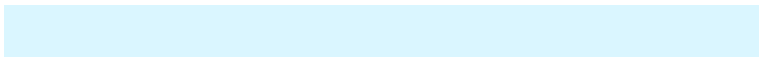
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3900, 88.4840, 94.6074



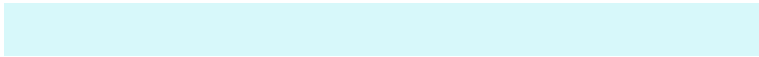
78.8471, 88.4840, 103.3659



80.6971, 88.4840, 110.6218

Triad

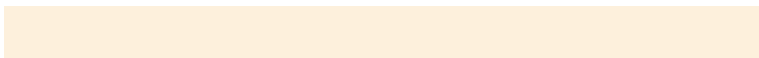
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8471, 88.4840, 103.3659



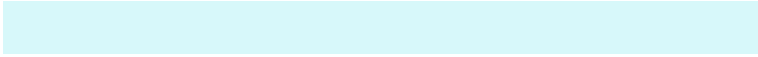
88.9493, 88.4840, 106.5700



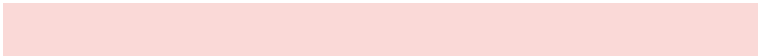
84.7129, 88.4840, 80.5531

Complementary

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



78.8471, 88.4840, 103.3659



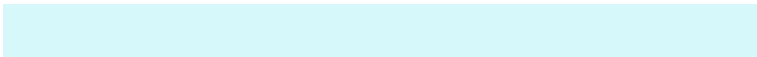
76.5036, 74.8560, 74.7082

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.



87.6001, 88.4840, 83.3509



78.8471, 88.4840, 103.3659



90.0837, 88.4840, 98.1018

Square

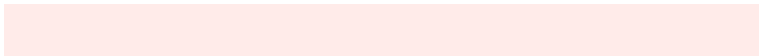
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8471, 88.4840, 103.3659



86.5188, 88.4840, 112.5488



89.5841, 88.4840, 89.6476



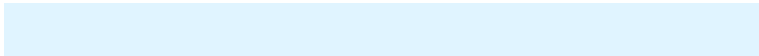
81.7295, 88.4840, 81.7745

Rectangle

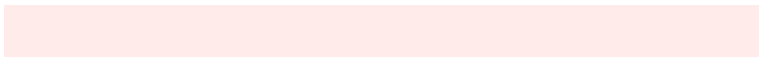
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



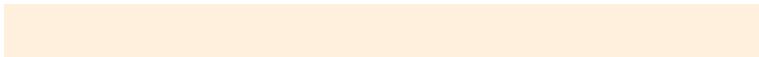
78.8471, 88.4840, 103.3659



82.4958, 88.4840, 113.4514



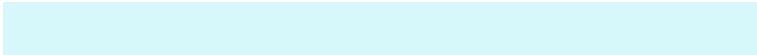
89.5841, 88.4840, 89.6476



85.7277, 88.4840, 81.0491

Sweetspot

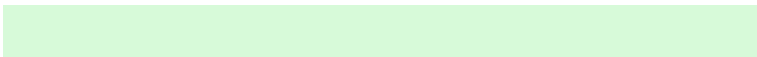
The Sweet Spot groups the original color and five complimentary colors.



78.8497, 88.4877, 103.3679



91.2111, 97.7458, 108.6672



74.7034, 87.8166, 78.4900



19.3731, 20.8333, 23.2501



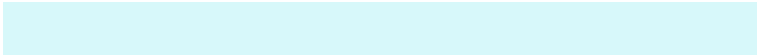
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

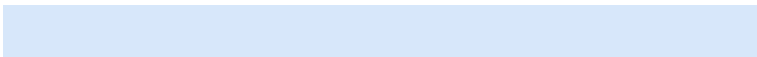
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8497, 88.4877, 103.3679



80.0768, 91.1174, 107.9747



73.7873, 78.3629, 101.6804



17.6760, 19.4289, 22.2038



25.0604, 35.4763, 53.5003



2.3461, 3.3359, 4.9634

Inverse Universe

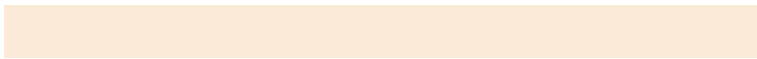
The Inverse Universe completely reimagines the original color for something new.



80.6701, 75.7041, 99.1717



82.3504, 75.2339, 102.7153



81.1857, 84.2200, 76.2688



17.9478, 17.5065, 21.5807



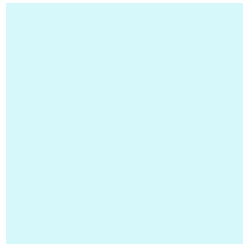
28.9413, 13.9923, 43.2610



2.6931, 1.3010, 4.0734

Previews

White Background



This preview shows how the XYZ color 78.8471, 88.4840, 103.3659 looks on a white background.

Color Contrast Check

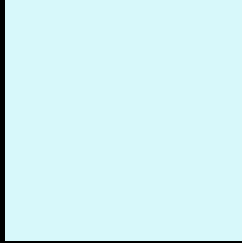
Large Text (above 18pt) WCAG AA × Fail

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 78.8471, 88.4840, 103.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

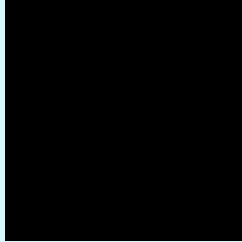
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8471, 88.4840, 103.3659

Background



This preview shows how black text looks on a background with the XYZ color 78.8471, 88.4840, 103.3659.



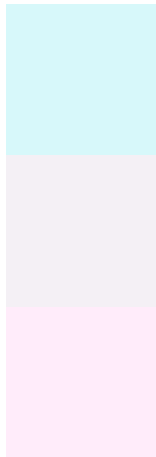
This preview shows how white text looks on a background with the XYZ color 78.8471, 88.4840,

103.3659.

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

78.8471, 88.4840, 103.3659

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

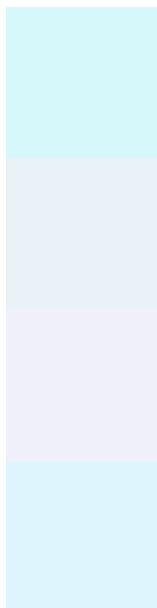
88.4908, 88.1530, 102.7938



Tritanopia

82.3956, 88.4153, 107.3309

Trichromacy



Original Color

78.8471, 88.4840, 103.3659

Protanomaly

82.4434, 88.1402, 100.6632

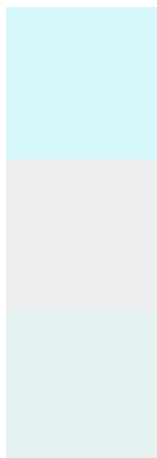
Deuteranomaly

84.3506, 87.7476, 102.9337

Tritanomaly

80.8135, 88.0846, 105.6712

Monochromacy



Original Color

78.8471, 88.4840, 103.3659

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4123, 86.7381, 96.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8471, 88.4840, 103.3659 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(215, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(215, 248, 250)  
}
```

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(215, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 248, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.8471, 88.4840, 103.3659 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(215, 248, 250) }
```


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

```
.border{ border-color:rgb(215, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(215, 248,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8471, 88.4840, 103.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 248, 250) }
```

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

```
.background{ background-color: rgb(215,  
248, 250) }
```

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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