

Converting Colors

XYZ(80.4049, 91.5998,
103.8852)

Have a look what the booklet for
XYZ(80.4049, 91.5998, 103.8852)
contains.

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Color

**XYZ(80.4049, 91.5998,
103.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FDFA
RGB	215, 253, 250
RGB Percent	84%, 99%, 98%
CMY	0.1569, 0.0078, 0.0196
CMYK	0.15, 0.00, 0.01, 0.01
HSL	175°, 91%, 92%
HSV	175°, 15%, 99%
XYZ	80.4049, 91.5998, 103.8852
YIQ	241.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

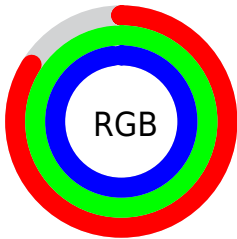
Format	Color
R _Y B	215, 235, 253
Decimal	14155258
CIE Lab	96.66, -12.71, -2.66
CIE LCh	97, 12.983, 191.808
Yxy	91.5998, 0.2914, 0.3320
Android (android.graphics.Color)	4292345338 (0xFFD7FDFA)
YUV	241.2960, 4.2911, -23.0616
Hunter-Lab	95.7078, -17.5293, 2.6396

Details

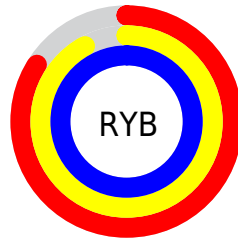
The XYZ color **80.4049, 91.5998, 103.8852** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4666, 74.5479, 76.6399**, and the grayscale version is **83.8239, 88.1892, 96.0381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9747, 50.8485, 58.5360** is the 20% darker color. If you saturate the color by 10%, you get **73.2313, 87.9402, 101.9231**, and if you desaturate by 10%, it is **88.7359, 95.8606, 105.9227**.

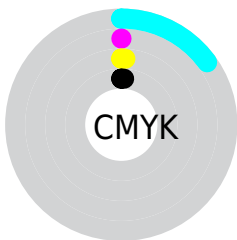
Distribution



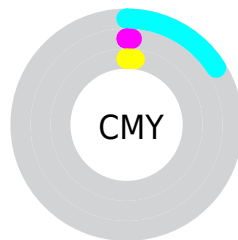
- Red (84%)
- Green (99%)
- Blue (98%)



- Red (84%)
- Yellow (92%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4049, 91.5998, 103.8852 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 80.4049, 91.5998, 103.8852 by changing the saturation by 10% instead.

80.4049, 91.5998,
103.8852

80.4049, 91.5998,
103.8852

485.0121,
533.2213, 593.9312

60.3612, 69.3083,
78.9143

132.8824,
149.5586, 168.5844

43.9604, 50.9628,
58.3044

166.0469,
185.9947, 209.1498

30.8372, 36.1790,
41.6371

204.3157,
227.9144, 255.7505

20.6261, 24.5725,
28.4938

248.0542,
275.7021, 308.8049

12.9619, 15.7588,
18.4560

297.6278,
329.7423, 368.7316

7.4791, 9.3537,
11.1050

353.4017,

3.8125, 4.9726,

390.4193, 435.9492

6.0225

415.7413,
458.1175, 510.8762

■ 1.5966, 2.2312,
2.7897

■ 0.3902, 0.7369,
0.9883

■ 80.4049, 91.5998,
103.8852

■ 80.4049, 91.5998,
103.8852

■ 73.2313, 87.9402,
101.9231

■ 88.7359, 95.8606,
105.9227

■ 67.1546, 84.8432,
100.0276

■ 94.2566, 98.6698,
107.8442

■ 62.1208, 82.2834,
98.1983

■ 94.4170, 98.7340,
108.6890

■ 58.0679, 80.2290,
96.4320

■ 54.9276, 78.6446,
94.7256

■ 52.6228, 77.4906,
93.0754

■ 51.0635, 76.7205,
91.4771

■ 50.1390, 76.2773,
89.9255

■ 49.8362, 76.1377,
89.1666

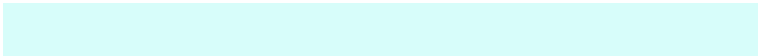
Harmonies

Analogous

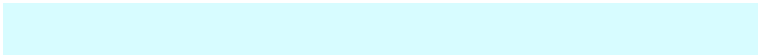
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5959, 91.5998, 93.6222



80.4049, 91.5998, 103.8852



81.9608, 91.5998, 113.6714

Triad

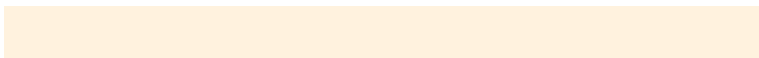
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4049, 91.5998, 103.8852



91.8015, 91.5998, 115.3985



89.2613, 91.5998, 81.9182

Complementary

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



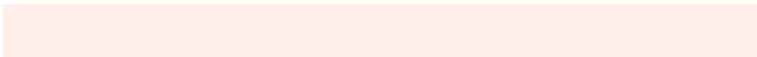
80.4049, 91.5998, 103.8852



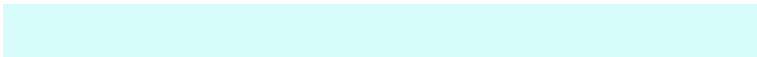
77.4666, 74.5479, 76.6399

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.



92.3723, 91.5998, 86.9899



80.4049, 91.5998, 103.8852



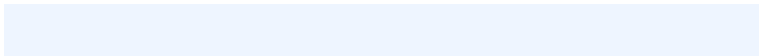
93.8668, 91.5998, 106.1116

Square

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



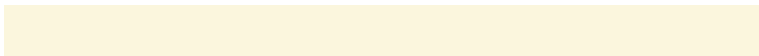
80.4049, 91.5998, 103.8852



88.4996, 91.5998, 120.6210



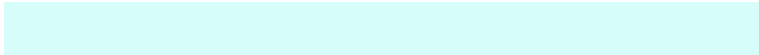
94.0786, 91.5998, 95.7000



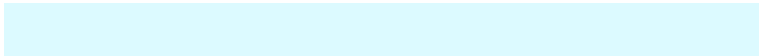
85.6417, 91.5998, 81.4137

Rectangle

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



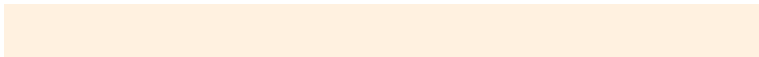
80.4049, 91.5998, 103.8852



83.8053, 91.5998, 118.4218



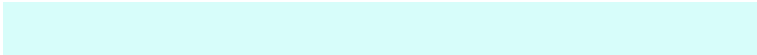
94.0786, 91.5998, 95.7000



90.4037, 91.5998, 83.1282

Sweetspot

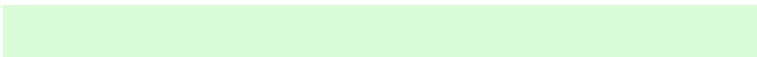
The Sweet Spot groups the original color and five complimentary colors.



80.4075, 91.6036, 103.8872



90.3520, 97.5968, 107.8355



76.3570, 90.0919, 77.6564



19.2030, 20.8202, 23.0495



0.0000, 0.0000, 0.0000



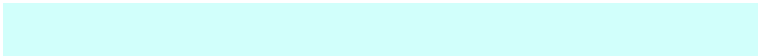
20.3446, 21.4041, 23.3091

Same Dimension

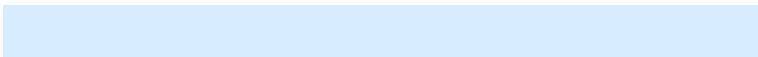
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4075, 91.6036, 103.8872



79.5541, 92.0784, 105.1547



76.0891, 82.2069, 104.7902



18.4893, 20.4552, 22.8794



26.5351, 40.5106, 47.5647



2.6013, 3.9514, 4.7241

Inverse Universe

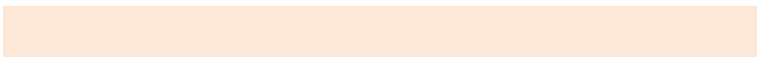
The Inverse Universe completely reimagines the original color for something new.



77.4666, 74.5479, 76.6399



76.0407, 71.7003, 72.6016



81.3063, 82.8506, 75.9979



18.0676, 18.0104, 18.9733



21.6358, 11.1436, 1.4669



2.1257, 1.0927, 0.2436

Previews

White Background



This preview shows how the XYZ color 80.4049, 91.5998, 103.8852 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 80.4049, 91.5998, 103.8852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

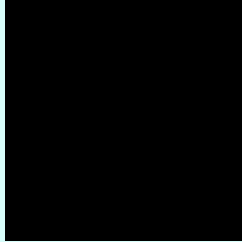
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.4049, 91.5998, 103.8852

Background



This preview shows how black text looks on a background with the XYZ color 80.4049, 91.5998, 103.8852.

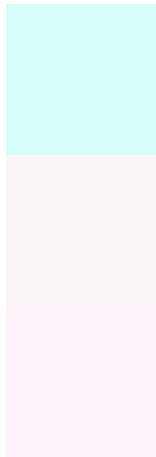


This preview shows how white text looks on a background with the XYZ color 80.4049, 91.5998,

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

80.4049, 91.5998, 103.8852

Protanopia

87.8990, 91.4337, 99.4019

Deuteranopia

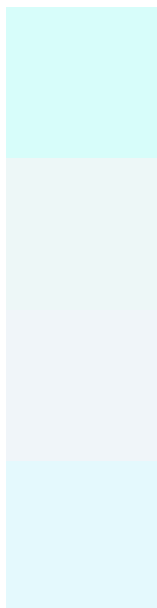
89.7942, 91.0101, 102.4566



Tritanopia

85.5717, 91.4037, 107.7403

Trichromacy



Original Color

80.4049, 91.5998, 103.8852

Protanomaly

84.9743, 91.2415, 101.1284

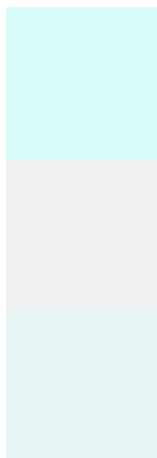
Deuteranomaly

85.6865, 90.6696, 102.6074

Tritanomaly

83.6002, 91.3372, 106.1521

Monochromacy



Original Color

80.4049, 91.5998, 103.8852

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.2603, 88.9923, 98.4296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4049, 91.5998, 103.8852 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, 253, 250)` looks like.

```
.text, #text, p{  
    color:rgb(215, 253, 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, 253, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 253, 250) }
```

Border

The CSS property to change the border of an element to XYZ 80.4049, 91.5998, 103.8852 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, 253, 250) }
```


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

```
.border{ border-color:rgb(215, 253, 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, 253, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 253, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 253, 250);  
box-shadow:4px 4px 4px 4px rgb(215, 253,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4049, 91.5998, 103.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 253, 250) }
```

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

```
.background{ background-color: rgb(215,  
253, 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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