

Converting Colors

XYZ(79.0840, 90.7803, 98.3990)

Have a look what the booklet for
XYZ(79.0840, 90.7803, 98.3990)
contains.

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Color

**XYZ(79.0124, 90.5389,
98.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FCF3
RGB	215, 252, 243
RGB Percent	84%, 99%, 95%
CMY	0.1569, 0.0117, 0.0471
CMYK	0.15, 0.00, 0.04, 0.01
HSL	165°, 86%, 92%
HSV	165°, 15%, 99%
XYZ	79.0124, 90.5389, 98.1054
YIQ	239.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

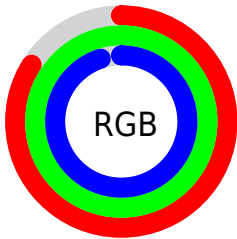
Format	Color
R_{YB}	215, 236, 252
Decimal	14154995
CIE _{Lab}	96.22, -13.57, 0.31
CIE _{LCh}	96, 13.575, 178.683
Yxy	90.5389, 0.2952, 0.3383
Android (android.graphics.Color)	4292345075 (0xFFD7FCF3)
YUV	239.9110, 1.5229, -21.8469
Hunter-Lab	95.1519, -18.2928, 5.4760

Details

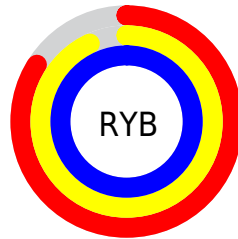
The XYZ color **79.0124, 90.5389, 98.1054** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.9031, 74.6806, 80.8339**, and the grayscale version is **82.7561, 87.0659, 94.8148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9820, 50.0917, 54.4170** is the 20% darker color. If you saturate the color by 10%, you get **71.2648, 86.6526, 92.9909**, and if you desaturate by 10%, it is **87.9358, 95.0328, 103.4402**.

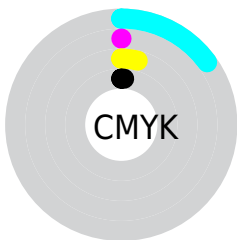
Distribution



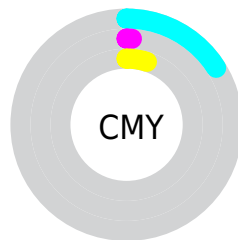
- Red (84%)
- Green (99%)
- Blue (95%)



- Red (84%)
- Yellow (93%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0124, 90.5389, 98.1054 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 79.0124, 90.5389, 98.1054 by changing the saturation by 10% instead.

79.0124, 90.5389,
98.1054

79.0124, 90.5389,
98.1054

480.3857,
529.7823, 575.2959

59.2117, 68.4277,
74.1112

130.9342,
148.0867, 160.5802

43.0306, 50.2458,
54.3877

163.7859,
184.2921, 199.8979

30.1037, 35.6087,
38.5164

201.7187,
225.9644, 245.1605

20.0658, 24.1321,
26.0788

245.0978,
273.4879, 296.7865

12.5514, 15.4317,
16.6563

294.2888,
327.2470, 355.1945

7.1952, 9.1229,
9.8304

349.6568,

3.6319, 4.8214,

387.6262, 420.8031

5.1825

411.5673,
455.0099, 494.0307

■ 1.4961, 2.1429,
2.2941

■ 0.3232, 0.6886,
0.7279

■ 79.0124, 90.5389,
98.1054

■ 79.0124, 90.5389,
98.1054

■ 71.2648, 86.6526,
92.9909

■ 87.9358, 95.0328,
103.4402

■ 64.6331, 83.3355,
88.0866

■ 94.1020, 98.1041,
108.5840

■ 59.0635, 80.5624,
83.3904

■ 54.4947, 78.3018,
78.8977

■ 50.8589, 76.5187,
74.6038

■ 48.0797, 75.1739,
70.5034

■ 46.0683, 74.2215,
66.5908

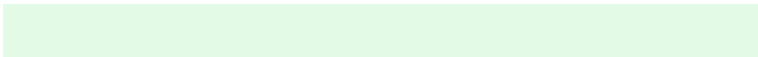
■ 44.7158, 73.6054,
62.8590

■ 44.1818, 73.3720,
60.9442

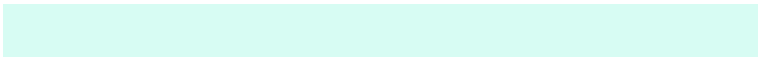
Harmonies

Analogous

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



80.0120, 90.5389, 88.1847



79.0124, 90.5389, 98.1054



79.8535, 90.5389, 108.8800

Triad

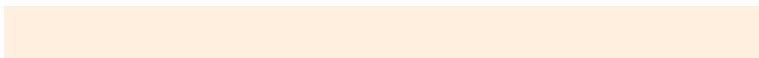
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0124, 90.5389, 98.1054



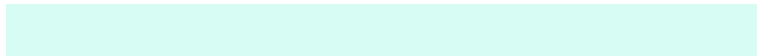
89.5791, 90.5389, 117.9288



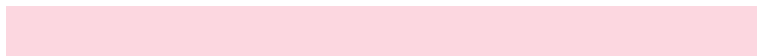
89.8756, 90.5389, 81.8958

Complementary

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



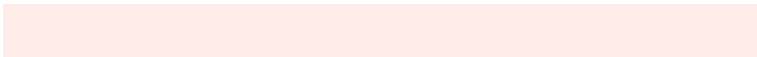
79.0124, 90.5389, 98.1054



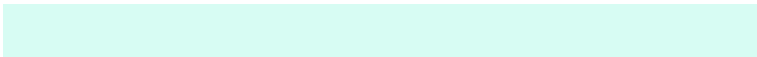
77.9031, 74.6806, 80.8339

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.



92.5685, 90.5389, 88.9537



79.0124, 90.5389, 98.1054



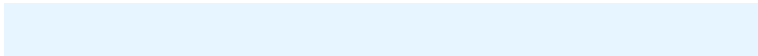
92.3939, 90.5389, 109.7649

Square

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



79.0124, 90.5389, 98.1054



85.8881, 90.5389, 120.8153



93.5031, 90.5389, 99.0591



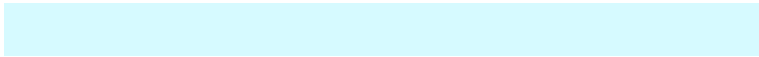
86.2211, 90.5389, 79.2579

Rectangle

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



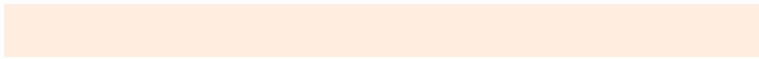
79.0124, 90.5389, 98.1054



81.3591, 90.5389, 115.0020



93.5031, 90.5389, 99.0591



90.9272, 90.5389, 83.8035

Sweetspot

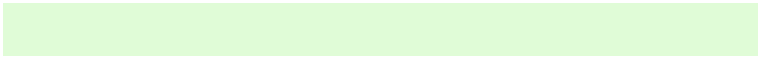
The Sweet Spot groups the original color and five complimentary colors.



79.0150, 90.5427, 98.1074



90.9994, 97.9577, 106.6381



77.8970, 90.4183, 77.6383



19.3194, 20.8872, 22.7348



0.0000, 0.0000, 0.0000



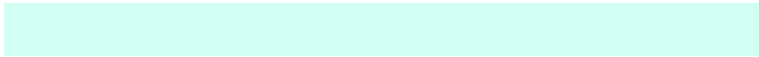
20.3446, 21.4041, 23.3091

Same Dimension

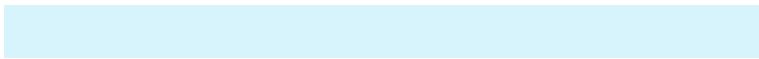
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0150, 90.5427, 98.1074



78.3864, 91.6113, 99.0055



77.5737, 85.4303, 104.5009



17.5747, 19.5321, 21.2269



23.0749, 38.2430, 32.0673



2.1787, 3.5586, 3.1889

Inverse Universe

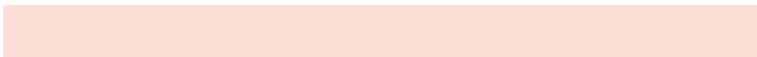
The Inverse Universe completely reimagines the original color for something new.



77.9031, 74.6806, 80.8339



77.0188, 72.0915, 77.7523



79.1365, 79.0502, 75.3788



17.4177, 17.2945, 18.7896



21.4034, 10.9771, 3.5666



2.0223, 1.0326, 0.5406

Previews

White Background



This preview shows how the XYZ color 79.0124, 90.5389, 98.1054 looks on a white background.

Color Contrast Check

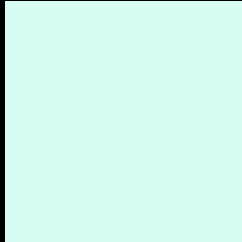
Large Text (above 18pt) WCAG AA × Fail

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 79.0124, 90.5389, 98.1054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

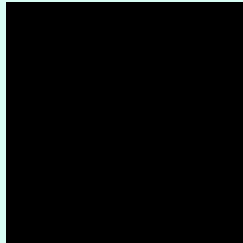
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

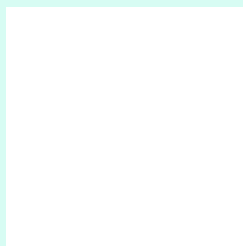
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0124, 90.5389, 98.1054

Background



This preview shows how black text looks on a background with the XYZ color 79.0124, 90.5389, 98.1054.



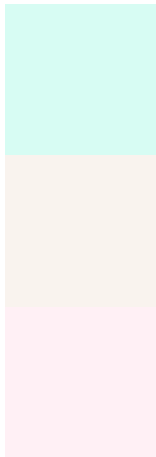
This preview shows how white text looks on a background with the XYZ color 79.0124, 90.5389,

98.1054.

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

79.0124, 90.5389, 98.1054

Protanopia

86.5501, 90.4140, 93.7789

Deuteranopia

88.8815, 90.1727, 99.1067



Tritanopia

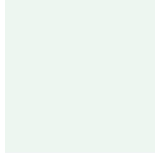
84.6100, 90.4552, 107.6079

Trichromacy



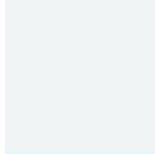
Original Color

79.0124, 90.5389, 98.1054



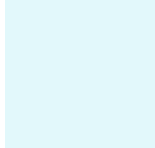
Protanomaly

83.6090, 90.2073, 95.4432



Deuteranomaly

84.6150, 89.7583, 98.4533



Tritanomaly

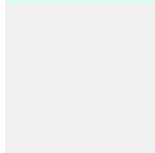
82.3440, 90.2686, 104.3504

Monochromacy



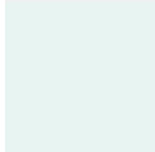
Original Color

79.0124, 90.5389, 98.1054



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

81.1829, 88.0412, 95.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0124, 90.5389, 98.1054 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, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 252, 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(215, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 252, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.0124, 90.5389, 98.1054 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, 252, 243) }
```


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

```
.border{ border-color:rgb(215, 252, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 252, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 252, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 252,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0124, 90.5389, 98.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 252, 243) }
```

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

```
.background{ background-color: rgb(215,  
252, 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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