

Converting Colors

XYZ(79.8122, 92.3379, 99.4540)

Have a look what the booklet for
XYZ(79.8122, 92.3379, 99.4540)
contains.

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Color

**XYZ(79.8207, 92.3478,
99.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF4
RGB	214, 255, 244
RGB Percent	84%, 100%, 96%
CMY	0.1608, 0.0000, 0.0431
CMYK	0.16, 0.00, 0.04, 0.00
HSL	164°, 100%, 92%
HSV	164°, 16%, 100%
XYZ	79.8207, 92.3478, 99.2059
YIQ	241.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

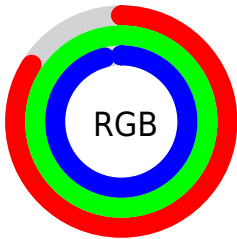
Format	Color
R_{YB}	214, 238, 255
Decimal	14090228
CIE _{Lab}	96.96, -15.17, 0.87
CIE _{LCh}	97, 15.199, 176.710
Yxy	92.3478, 0.2941, 0.3403
Android (android.graphics.Color)	4292280308 (0xFFD6FFF4)
YUV	241.4870, 1.2389, -24.1061
Hunter-Lab	96.0978, -19.9055, 6.0608

Details

The XYZ color **79.8207, 92.3478, 99.2059** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.8778, 74.7905, 81.5131**, and the grayscale version is **83.9949, 88.3691, 96.2340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5693, 51.3899, 55.1999** is the 20% darker color. If you saturate the color by 10%, you get **71.9326, 88.3991, 93.5158**, and if you desaturate by 10%, it is **88.9142, 96.9134, 105.1566**.

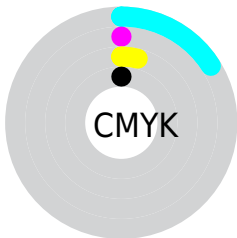
Distribution



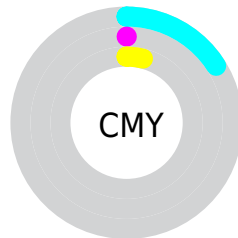
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8207, 92.3478, 99.2059 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 79.8207, 92.3478, 99.2059 by changing the saturation by 10% instead.


 79.8207, 92.3478,
99.2059

 79.8207, 92.3478,
99.2059


483.0741,
535.6389, 578.8686

 59.8788, 69.9295,
75.0243


132.0655,
150.5953, 162.1078

 43.5700, 51.4691,
55.1310


165.0990,
187.1934, 201.6653

 30.5291, 36.5821,
39.1073


203.2272,
229.2869, 247.1851

 20.3906, 24.8841,
26.5347

246.8152,
277.2601, 299.0858

 12.7892, 15.9907,
16.9948

296.2286,
331.4976, 357.7860

 7.3595, 9.5176,
10.0688

351.8327,

 3.7363, 5.0803,

392.3836, 423.7041

5.3384

413.9927,
460.3026, 497.2588

■ 1.5540, 2.2944,
2.3850

■ 0.3622, 0.7708,
0.7782

■ 79.8207, 92.3478,
99.2059

■ 79.8207, 92.3478,
99.2059

■ 71.9326, 88.3991,
93.5158

■ 88.9142, 96.9134,
105.1566

■ 65.1927, 85.0380,
88.0771

95.0500, 100.0000,
108.9000

■ 59.5431, 82.2345,
82.8864

■ 54.9199, 79.9559,
77.9383

■ 51.2519, 78.1655,
73.2275

■ 48.4591, 76.8220,
68.7477

■ 46.4475, 75.8770,
64.4923

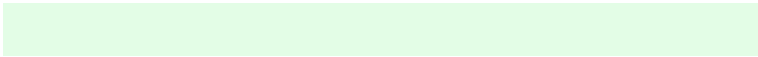
■ 45.1006, 75.2707,
60.4533

■ 44.6862, 75.0905,
58.9245

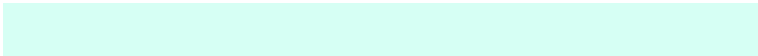
Harmonies

Analogous

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



81.0807, 92.3478, 88.1755



79.8207, 92.3478, 99.2059



80.6340, 92.3478, 111.5073

Triad

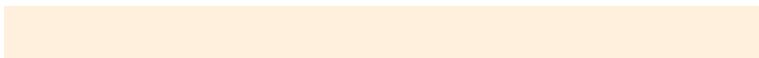
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8207, 92.3478, 99.2059



91.5204, 92.3478, 123.0800



92.3632, 92.3478, 82.1291

Complementary

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



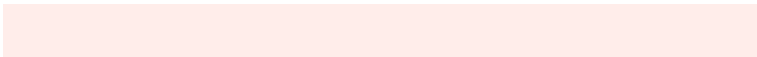
79.8207, 92.3478, 99.2059



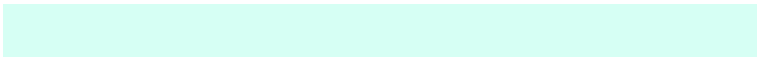
78.8778, 74.7905, 81.5131

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.



95.3231, 92.3478, 90.3371



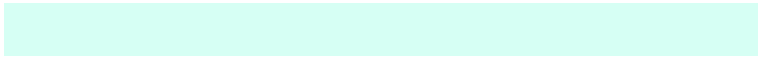
79.8207, 92.3478, 99.2059



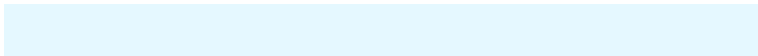
94.8255, 92.3478, 114.0336

Square

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



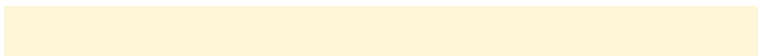
79.8207, 92.3478, 99.2059



87.3029, 92.3478, 125.9316



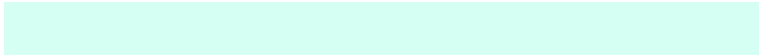
96.2384, 92.3478, 101.9083



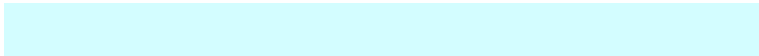
88.2465, 92.3478, 78.8326

Rectangle

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



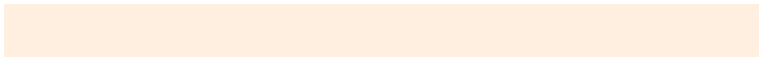
79.8207, 92.3478, 99.2059



82.2573, 92.3478, 118.6778



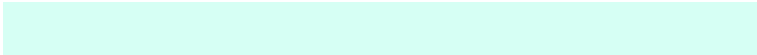
96.2384, 92.3478, 101.9083



93.5316, 92.3478, 84.3710

Sweetspot

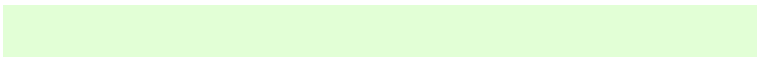
The Sweet Spot groups the original color and five complimentary colors.



79.8216, 92.3482, 99.2074



89.9680, 97.4432, 105.8132



79.1423, 92.4822, 77.2994



19.1094, 20.7827, 22.5567



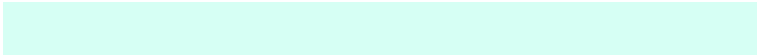
0.0000, 0.0000, 0.0000



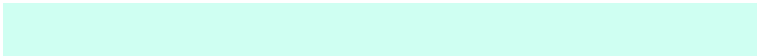
20.3446, 21.4041, 23.3091

Same Dimension

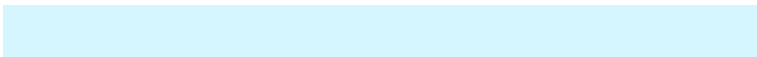
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8216, 92.3482, 99.2074



77.3940, 91.1316, 97.5176



78.7736, 87.4993, 107.3450



18.3346, 20.3934, 22.0652



23.4149, 39.2626, 31.1340



2.3254, 3.8411, 3.2711

Inverse Universe

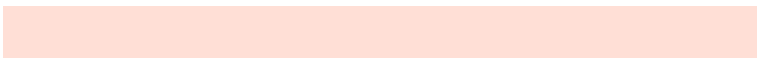
The Inverse Universe completely reimagines the original color for something new.



78.8778, 74.7905, 81.5131



76.3023, 70.8112, 77.0426



79.7348, 78.8291, 74.6328



18.2095, 18.0671, 19.7202



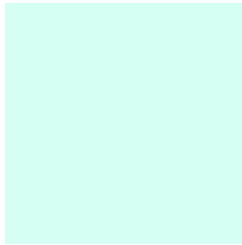
22.1531, 11.3505, 4.1906



2.2001, 1.1224, 0.6352

Previews

White Background



This preview shows how the XYZ color 79.8207, 92.3478, 99.2059 looks on a white background.

Color Contrast Check

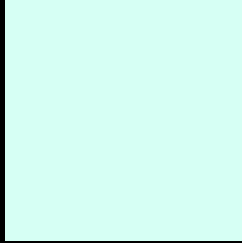
Large Text (above 18pt) WCAG AA × Fail

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 79.8207, 92.3478, 99.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

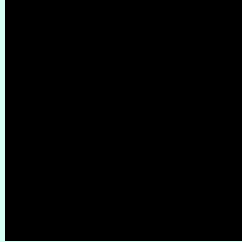
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8207, 92.3478, 99.2059

Background



This preview shows how black text looks on a background with the XYZ color 79.8207, 92.3478, 99.2059.



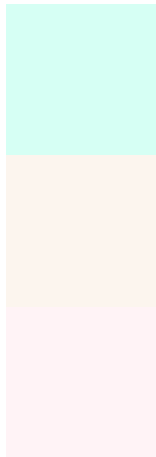
This preview shows how white text looks on a background with the XYZ color 79.8207, 92.3478,

99.2059.

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

79.8207, 92.3478, 99.2059

Protanopia

88.2299, 92.1733, 94.0299

Deuteranopia

89.9251, 92.0150, 100.2099



Tritanopia

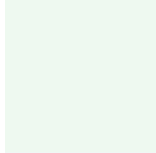
86.5425, 92.3593, 107.8736

Trichromacy



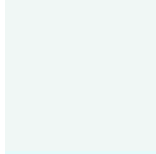
Original Color

79.8207, 92.3478, 99.2059



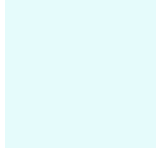
Protanomaly

84.8638, 92.2198, 95.7655



Deuteranomaly

85.6774, 91.6394, 99.5587



Tritanomaly

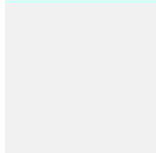
84.2229, 92.6174, 104.7047

Monochromacy



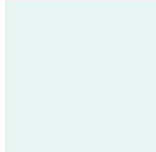
Original Color

79.8207, 92.3478, 99.2059



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9378, 89.3113, 96.9246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8207, 92.3478, 99.2059 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(214, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 244)  
}
```

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(214, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.8207, 92.3478, 99.2059 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(214, 255, 244) }
```


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

```
.border{ border-color:rgb(214, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8207, 92.3478, 99.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 244) }
```

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

```
.background{ background-color: rgb(214,  
255, 244) }
```

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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