

Converting Colors

XYZ(79.7726, 92.4652, 92.7821)

Have a look what the booklet for
XYZ(79.7726, 92.4652, 92.7821)
contains.

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Color

**XYZ(79.8138, 92.4816,
93.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFEC
RGB	218, 255, 236
RGB Percent	85%, 100%, 93%
CMY	0.1451, 0.0000, 0.0745
CMYK	0.15, 0.00, 0.07, 0.00
HSL	149°, 100%, 93%
HSV	149°, 15%, 100%
XYZ	79.8138, 92.4816, 93.0010
YIQ	241.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

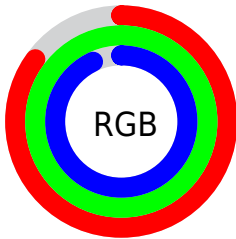
Format	Color
R_{YB}	218, 243, 255
Decimal	14352364
CIE _{Lab}	97.02, -15.42, 5.10
CIE _{LCh}	97, 16.243, 161.715
Yxy	92.4816, 0.3008, 0.3486
Android (android.graphics.Color)	4292542444 (0xFFDAFFEC)
YUV	241.7710, -2.8451, -20.8472
Hunter-Lab	96.1674, -20.1473, 9.9793

Details

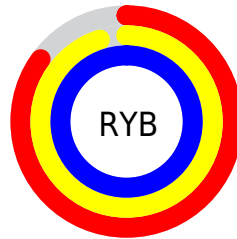
The XYZ color **79.8138, 92.4816, 93.0010** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.5980, 77.5182, 90.7826**, and the grayscale version is **84.2475, 88.6349, 96.5234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5366, 51.4700, 50.8201** is the 20% darker color. If you saturate the color by 10%, you get **70.9324, 88.1149, 83.0163**, and if you desaturate by 10%, it is **90.0095, 97.5097, 103.7782**.

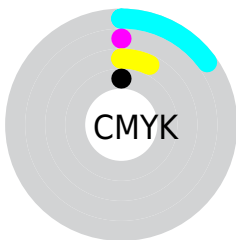
Distribution



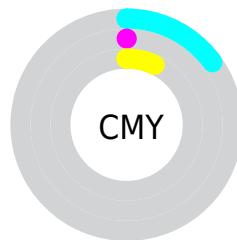
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8138, 92.4816, 93.0010 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 79.8138, 92.4816, 93.0010 by changing the saturation by 10% instead.


 79.8138, 92.4816,
93.0010

 79.8138, 92.4816,
93.0010

483.0512,
536.0708, 558.5654

 59.8731, 70.0407,
69.8847


132.0558,
150.7807, 153.4717

 43.5654, 51.5597,
50.9563


165.0878,
187.4077, 191.6632

 30.5254, 36.6543,
35.7973


203.2143,
229.5322, 235.7168

 20.3878, 24.9399,
23.9893

246.8006,
277.5386, 286.0510

 12.7872, 16.0323,
15.1135

296.2121,
331.8112, 343.0845

 7.3581, 9.5470,
8.7516

351.8141,

 3.7354, 5.0997,

392.7345, 407.2356

4.4849

413.9720,
460.6929, 478.9231

■ 1.5535, 2.3059,
1.8950

■ 0.3618, 0.7768,
0.4895

■ 79.8138, 92.4816,
93.0010

■ 79.8138, 92.4816,
93.0010

■ 70.9324, 88.1149,
83.0163

■ 90.0095, 97.5097,
103.7782

■ 63.3064, 84.3796,
73.8016

95.0500, 100.0000,
108.9000

■ 56.8760, 81.2452,
65.3395

■ 51.5753, 78.6782,
57.6103

■ 47.3316, 76.6414,
50.5933

■ 44.0634, 75.0932,
44.2668

■ 41.6762, 73.9854,
38.6077

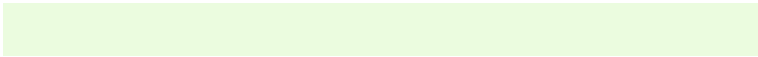
■ 40.0549, 73.2589,
33.5910

■ 39.4019, 72.9768,
31.0980

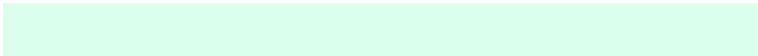
Harmonies

Analogous

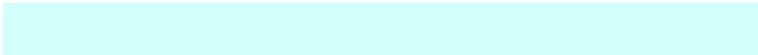
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1790, 92.4816, 83.0450



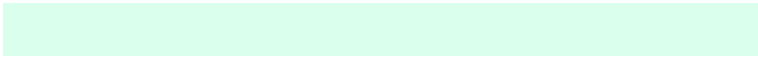
79.8138, 92.4816, 93.0010



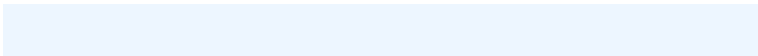
79.5695, 92.4816, 105.8967

Triad

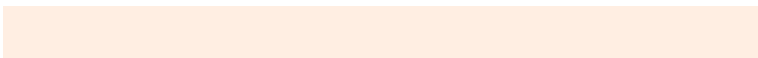
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8138, 92.4816, 93.0010



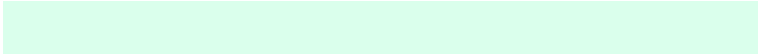
89.6984, 92.4816, 127.4211



94.6291, 92.4816, 84.8525

Complementary

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



79.8138, 92.4816, 93.0010



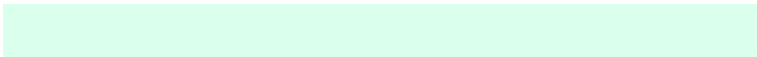
81.5980, 77.5182, 90.7826

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.



96.7947, 92.4816, 95.6698



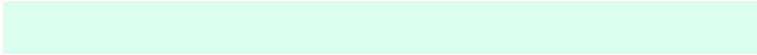
79.8138, 92.4816, 93.0010



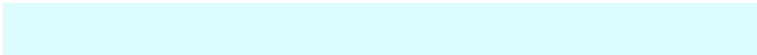
93.8826, 92.4816, 120.6878

Square

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



79.8138, 92.4816, 93.0010



85.1711, 92.4816, 126.5492



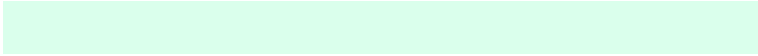
96.5168, 92.4816, 108.8057



90.6886, 92.4816, 78.6292

Rectangle

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



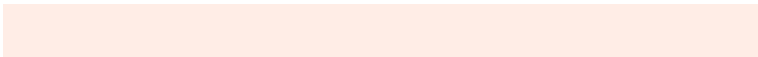
79.8138, 92.4816, 93.0010



80.6314, 92.4816, 114.5231



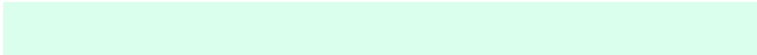
96.5168, 92.4816, 108.8057



95.5948, 92.4816, 88.0305

Sweetspot

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



79.8146, 92.4820, 93.0025



90.5645, 97.7838, 104.3482



83.3795, 94.6068, 80.1974



19.2092, 20.8432, 22.1547



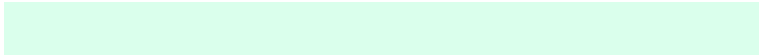
0.0000, 0.0000, 0.0000



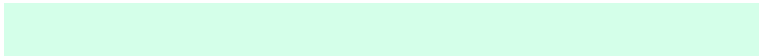
20.3446, 21.4041, 23.3091

Same Dimension

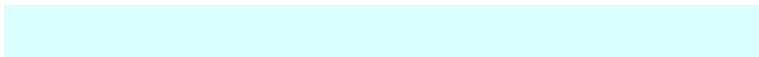
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8146, 92.4820, 93.0025



77.4815, 91.3334, 90.4418



82.6249, 93.6061, 107.8011



18.1398, 20.3155, 21.0393



20.6632, 38.1619, 16.6434



2.0669, 3.7377, 1.9099

Inverse Universe

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



81.5980, 77.5182, 90.7826



79.5344, 74.1075, 87.8862



79.0479, 76.4982, 77.3542



18.3988, 18.1428, 20.7170



23.7631, 11.9945, 12.6687



2.3689, 1.1900, 1.5243

Previews

White Background



This preview shows how the XYZ color 79.8138, 92.4816, 93.0010 looks on a white background.

Color Contrast Check

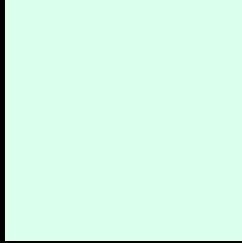
Large Text (above 18pt) WCAG AA × Fail

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 79.8138, 92.4816, 93.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

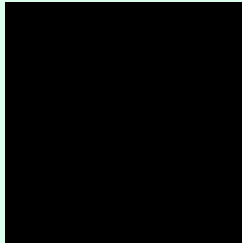
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

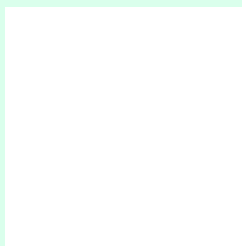
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8138, 92.4816, 93.0010

Background



This preview shows how black text looks on a background with the XYZ color 79.8138, 92.4816, 93.0010.



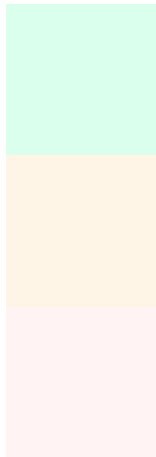
This preview shows how white text looks on a background with the XYZ color 79.8138, 92.4816,

93.0010.

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

79.8138, 92.4816, 93.0010

Protanopia

87.9493, 92.1452, 88.7517

Deuteranopia

89.6197, 91.8928, 98.6016



Tritanopia

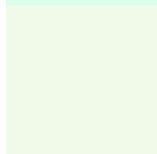
86.5707, 91.9187, 107.7871

Trichromacy



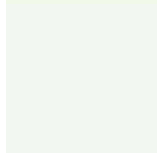
Original Color

79.8138, 92.4816, 93.0010



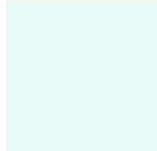
Protanomaly

84.8593, 92.3353, 90.4407



Deuteranomaly

85.7559, 91.7496, 96.4087



Tritanomaly

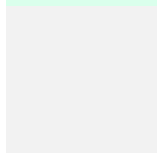
84.0839, 92.1374, 102.1595

Monochromacy



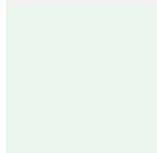
Original Color

79.8138, 92.4816, 93.0010



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5932, 90.1364, 95.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8138, 92.4816, 93.0010 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(218, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 236)  
}
```

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(218, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.8138, 92.4816, 93.0010 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(218, 255, 236) }
```


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

```
.border{ border-color:rgb(218, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8138, 92.4816, 93.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 236) }
```

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

```
.background{ background-color: rgb(218,  
255, 236) }
```

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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