

Converting Colors

XYZ(79.9009, 92.7431, 83.2202)

Have a look what the booklet for
XYZ(79.9009, 92.7431, 83.2202)
contains.

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Color

**XYZ(79.8198, 92.6950,
83.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFDF
RGB	224, 255, 223
RGB Percent	88%, 100%, 87%
CMY	0.1216, 0.0000, 0.1255
CMYK	0.12, 0.00, 0.13, 0.00
HSL	118°, 100%, 94%
HSV	118°, 13%, 100%
XYZ	79.8198, 92.6950, 83.4970
YIQ	242.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

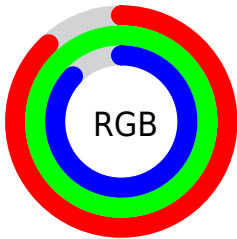
Format	Color
R _Y B	223, 255, 254
Decimal	14745567
CIE _{Lab}	97.10, -15.79, 11.94
CIE _{LCh}	97, 19.794, 142.888
Y _{xy}	92.6950, 0.3118, 0.3621
Android (android.graphics.Color)	4292935647 (0xFFE0FFDF)
Y _{UV}	242.0830, -9.4079, -15.8588
Hunter-Lab	96.2782, -20.5009, 15.9757

Details

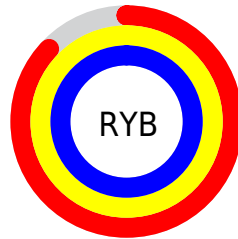
The XYZ color **79.8198, 92.6950, 83.4970** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85.3114, 81.0673, 105.7589**, and the grayscale version is **84.5401, 88.9428, 96.8587**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6242, 51.6503, 44.7161** is the 20% darker color. If you saturate the color by 10%, you get **69.5281, 87.7572, 66.3997**, and if you desaturate by 10%, it is **91.7431, 98.4141, 103.3762**.

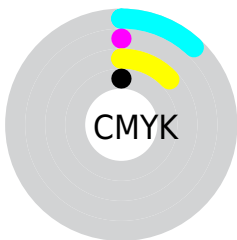
Distribution



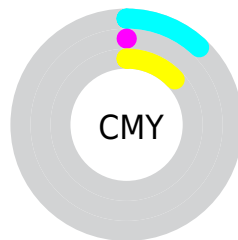
- Red (88%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8198, 92.6950, 83.4970 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 79.8198, 92.6950, 83.4970 by changing the saturation by 10% instead.

79.8198, 92.6950,
83.4970

79.8198, 92.6950,
83.4970

483.0711,
536.7591, 526.6557

59.8780, 70.2180,
62.0572

132.0642,
151.0763, 140.1268

43.5694, 51.7043,
44.6429

165.0976,
187.7494, 176.1539

30.5286, 36.7694,
30.8353

203.2255,
229.9233, 217.8805

20.3902, 25.0290,
20.2161

246.8133,
277.9824, 265.7253

12.7889, 16.0987,
12.3666

296.2265,
332.3112, 320.1066

7.3594, 9.5940,
6.8683

351.8302,

3.7362, 5.1306,

393.2940, 381.4431

3.3027

413.9900,
461.3152, 450.1533

■ 1.5540, 2.3241,
1.2512

■ 0.3621, 0.7864,
0.0213

■ 79.8198, 92.6950,
83.4970

■ 79.8198, 92.6950,
83.4970

■ 69.5281, 87.7572,
66.3997

■ 91.7431, 98.4141,
103.3762

■ 60.7950, 83.5658,
51.9563

95.0500, 100.0000,
108.9000

■ 53.5452, 80.0847,
40.0351

■ 47.6963, 77.2747,
30.4914

■ 43.1578, 75.0925,
23.1661

■ 39.8287, 73.4898,
17.8804

■ 37.5933, 72.4115,
14.4281

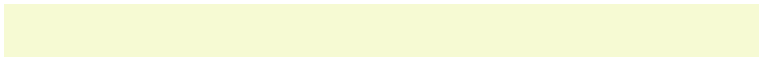
■ 36.3132, 71.7916,
12.5595

■ 35.8597, 71.5714,
11.9247

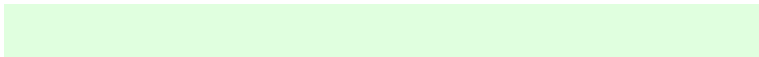
Harmonies

Analogous

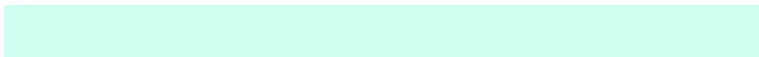
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9955, 92.6950, 75.1793



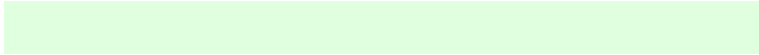
79.8198, 92.6950, 83.4970



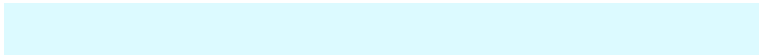
77.8779, 92.6950, 97.1714

Triad

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



79.8198, 92.6950, 83.4970



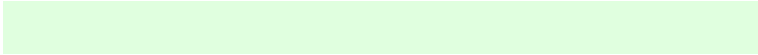
86.7818, 92.6950, 134.6027



98.3651, 92.6950, 89.4410

Complementary

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



79.8198, 92.6950, 83.4970



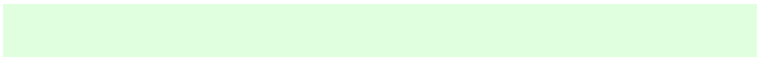
85.3114, 81.0673, 105.7589

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.



99.1878, 92.6950, 104.7824



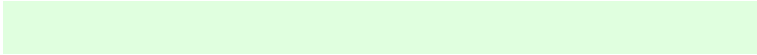
79.8198, 92.6950, 83.4970



92.3440, 92.6950, 131.9746

Square

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



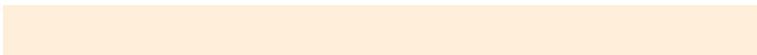
79.8198, 92.6950, 83.4970



81.7859, 92.6950, 127.4765



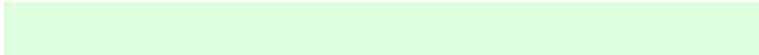
96.9420, 92.6950, 120.6328



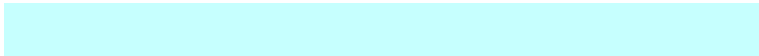
94.7390, 92.6950, 78.3497

Rectangle

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



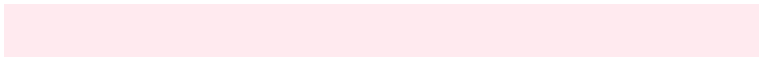
79.8198, 92.6950, 83.4970



78.0510, 92.6950, 107.9408



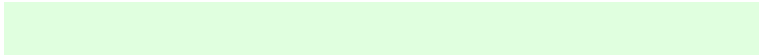
96.9420, 92.6950, 120.6328



98.9848, 92.6950, 94.2278

Sweetspot

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



79.8205, 92.6954, 83.4984



89.9085, 97.5342, 100.3135



89.9802, 97.4292, 83.8767



19.0436, 20.7802, 21.1366



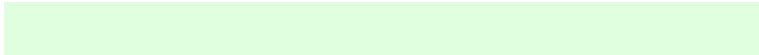
0.0000, 0.0000, 0.0000



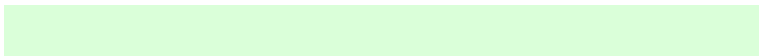
20.3446, 21.4041, 23.3091

Same Dimension

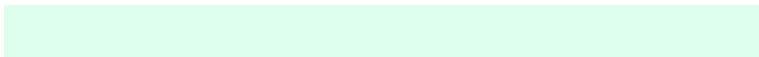
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8205, 92.6954, 83.4984



77.1489, 91.4137, 79.0537



81.6150, 93.3775, 94.5605



17.8240, 20.1952, 19.1030



18.7602, 37.4093, 6.2320



1.8443, 3.6515, 0.6076

Inverse Universe

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



85.3114, 81.0673, 105.7589



83.6002, 77.7510, 105.2090



83.3664, 80.3317, 93.6024



18.7333, 18.2697, 22.7890



29.5055, 14.1211, 50.6051



2.8898, 1.3837, 4.9280

Previews

White Background



This preview shows how the XYZ color 79.8198, 92.6950, 83.4970 looks on a white background.

Color Contrast Check

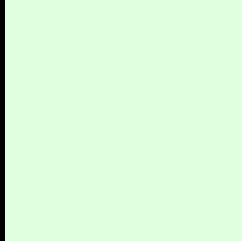
Large Text (above 18pt) WCAG AA × Fail

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 79.8198, 92.6950, 83.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

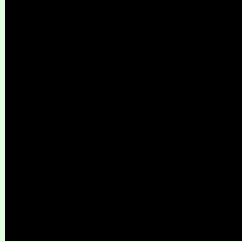
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

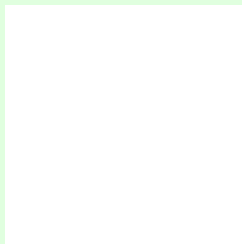
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8198, 92.6950, 83.4970

Background



This preview shows how black text looks on a background with the XYZ color 79.8198, 92.6950, 83.4970.



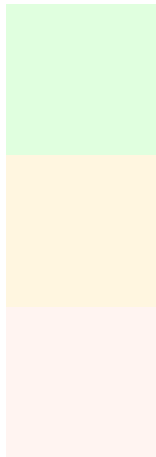
This preview shows how white text looks on a background with the XYZ color 79.8198, 92.6950,

83.4970.

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

79.8198, 92.6950, 83.4970

Protanopia

87.6503, 92.5534, 83.7659

Deuteranopia

89.4679, 92.3122, 96.3217

Tritanopia

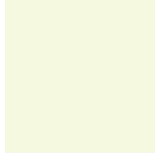
87.5864, 92.4423, 107.8346

Trichromacy



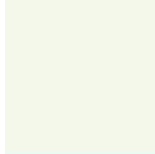
Original Color

79.8198, 92.6950, 83.4970



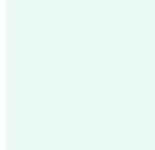
Protanomaly

84.6385, 92.3663, 83.8886



Deuteranomaly

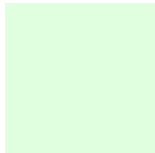
85.7269, 92.3084, 91.1409



Tritanomaly

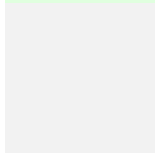
84.6242, 92.5044, 98.1890

Monochromacy



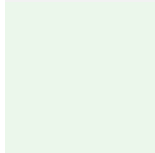
Original Color

79.8198, 92.6950, 83.4970



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5171, 90.1819, 91.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8198, 92.6950, 83.4970 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(224, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 223)  
}
```

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(224, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 79.8198, 92.6950, 83.4970 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(224, 255, 223) }
```


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

```
.border{ border-color:rgb(224, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8198, 92.6950, 83.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 223) }
```

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

```
.background{ background-color: rgb(224,  
255, 223) }
```

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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