

Converting Colors

XYZ(83.1230, 100.0000,
78.8869)

Have a look what the booklet for
XYZ(83.1230, 100.0000, 78.8869)
contains.

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Color

**XYZ(79.3898, 92.5950,
77.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFD7
RGB	226, 255, 215
RGB Percent	89%, 100%, 84%
CMY	0.1137, 0.0000, 0.1569
CMYK	0.11, 0.00, 0.16, 0.00
HSL	104°, 100%, 92%
HSV	104°, 16%, 100%
XYZ	79.3898, 92.5950, 77.9783
YIQ	241.7690, -4.4440, -18.5880

Conversions

Conversions Part 2

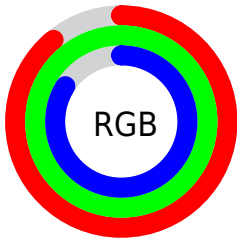
Format	Color
R _Y B	215, 255, 244
Decimal	14876631
CIE Lab	97.06, -16.46, 16.00
CIE LCh	97, 22.953, 135.812
Yxy	92.5950, 0.3176, 0.3704
Android (android.graphics.Color)	4293066711 (0xFFE2FFD7)
YUV	241.7690, -13.1971, -13.8294
Hunter-Lab	96.2263, -21.1278, 19.3119

Details

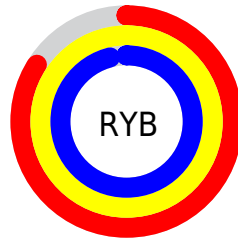
The XYZ color **79.3898, 92.5950, 77.9783** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.6594, 75.0551, 104.8963**, and the grayscale version is **84.3185, 88.7097, 96.6048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1168, 51.4723, 40.9204** is the 20% darker color. If you saturate the color by 10%, you get **70.8759, 88.5555, 61.7877**, and if you desaturate by 10%, it is **89.0410, 97.1618, 96.8908**.

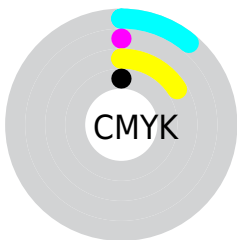
Distribution



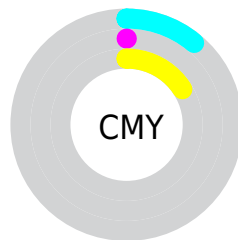
- Red (89%)
- Green (100%)
- Blue (84%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3898, 92.5950, 77.9783 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 79.3898, 92.5950, 77.9783 by changing the saturation by 10% instead.


 79.3898, 92.5950,
77.9783

 79.3898, 92.5950,
77.9783


481.6419,
536.4366, 507.6191

 59.5231, 70.1349,
57.5398

131.4625,
150.9378, 132.3051

 43.2823, 51.6365,
41.0265

164.3992,
187.5893, 167.0305

 30.3022, 36.7154,
28.0200


202.4233,
229.7400, 207.3553

 20.2173, 24.9873,
18.1015

245.9002,
277.7745, 253.6981

 12.6623, 16.0676,
10.8527

295.1951,
332.0769, 306.4773

 7.2718, 9.5720,
5.8550

350.6735,

 3.6805, 5.1161,

393.0319, 366.1115

2.6897

412.7006,
461.0236, 433.0192

■ 1.5230, 2.3155,
0.9383

■ 0.3414, 0.7819,
0.0000

■ 79.3898, 92.5950,
77.9783

■ 79.3898, 92.5950,
77.9783

■ 70.8759, 88.5555,
61.7877

■ 89.0410, 97.1618,
96.8908

■ 63.4539, 85.0226,
48.1896

95.0500, 100.0000,
108.9000

■ 57.0782, 81.9758,
37.0503

■ 51.6993, 79.3927,
28.2229

■ 47.2630, 77.2489,
21.5443

■ 43.7098, 75.5178,
16.8304

■ 40.9722, 74.1693,
13.8662

■ 38.9706, 73.1682,
12.3856

■ 38.2948, 72.8267,
12.0386

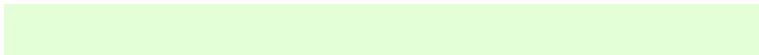
Harmonies

Analogous

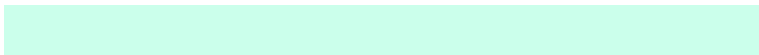
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6638, 92.5950, 70.2895



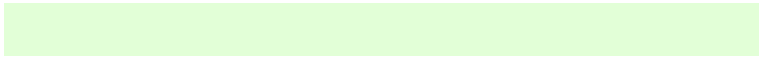
79.3898, 92.5950, 77.9783



76.4950, 92.5950, 92.3404

Triad

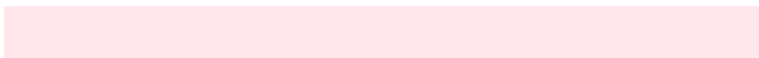
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3898, 92.5950, 77.9783



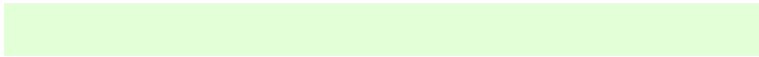
84.9958, 92.5950, 139.4389



100.5239, 92.5950, 91.4244

Complementary

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



79.3898, 92.5950, 77.9783



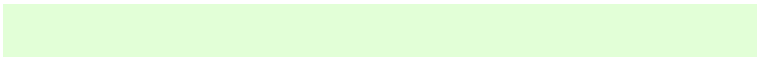
79.6594, 75.0551, 104.8963

Split Complementary

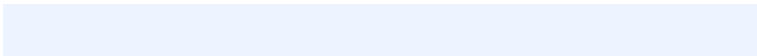
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.6236, 92.5950, 109.8039



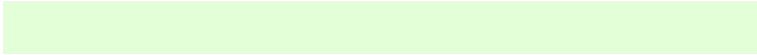
79.3898, 92.5950, 77.9783



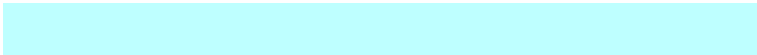
91.4407, 92.5950, 139.1150

Square

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



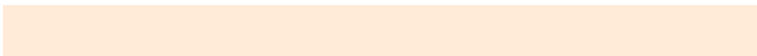
79.3898, 92.5950, 77.9783



79.6226, 92.5950, 128.5738



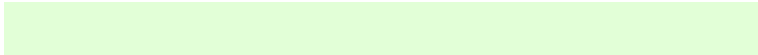
97.2300, 92.5950, 127.7367



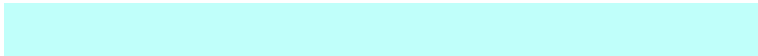
96.9641, 92.5950, 77.3788

Rectangle

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



79.3898, 92.5950, 77.9783



76.2080, 92.5950, 104.4695



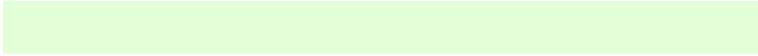
97.2300, 92.5950, 127.7367



100.9689, 92.5950, 97.2569

Sweetspot

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



79.3905, 92.5954, 77.9797



89.7452, 97.4946, 98.2897



85.7566, 90.6677, 77.2721



19.0547, 20.7948, 20.7311



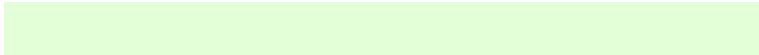
0.0000, 0.0000, 0.0000



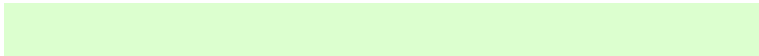
20.3446, 21.4041, 23.3091

Same Dimension

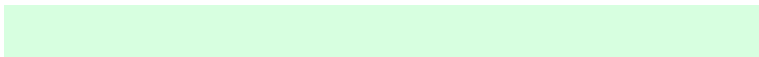
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3905, 92.5954, 77.9797



76.4445, 91.1990, 72.3176



77.1945, 91.3312, 83.8455



18.2403, 20.4098, 19.1224



20.1323, 38.1167, 6.2962



2.0601, 3.7628, 0.6177

Inverse Universe

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



79.6594, 75.0551, 104.8963



76.7609, 70.4479, 104.1598



82.2268, 76.5363, 97.8968



18.2770, 18.0345, 22.7677



20.0217, 9.2320, 50.1613



2.0549, 0.9533, 4.8890

Previews

White Background



This preview shows how the XYZ color 79.3898, 92.5950, 77.9783 looks on a white background.

Color Contrast Check

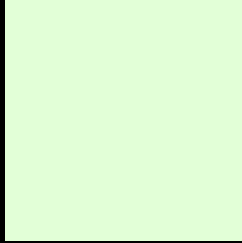
Large Text (above 18pt) WCAG AA × Fail

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 79.3898, 92.5950, 77.9783 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

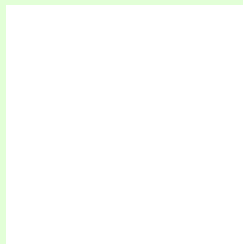
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3898, 92.5950, 77.9783

Background



This preview shows how black text looks on a background with the XYZ color 79.3898, 92.5950, 77.9783.



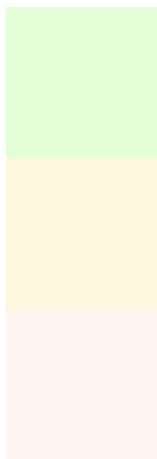
This preview shows how white text looks on a background with the XYZ color 79.3898, 92.5950,

77.9783.

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

79.3898, 92.5950, 77.9783

Protanopia

87.3806, 92.4455, 82.3455

Deuteranopia

89.3189, 92.2526, 95.5370



Tritanopia

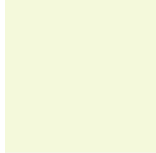
87.5864, 92.4423, 107.8346

Trichromacy



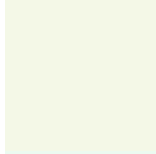
Original Color

79.3898, 92.5950, 77.9783



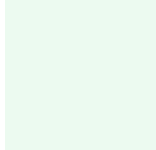
Protanomaly

83.9701, 92.0989, 80.3690



Deuteranomaly

85.2994, 92.1374, 88.8898



Tritanomaly

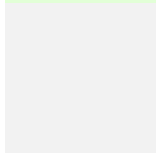
84.5059, 92.4954, 95.8375

Monochromacy



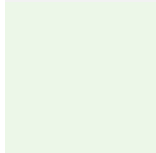
Original Color

79.3898, 92.5950, 77.9783



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4183, 90.1806, 89.4066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3898, 92.5950, 77.9783 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(226, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 215)  
}
```

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(226, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 79.3898, 92.5950, 77.9783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

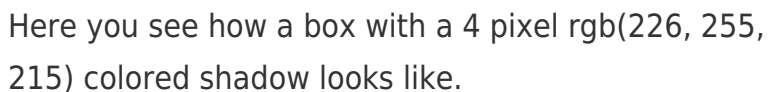
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 255, 215) }
```


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

```
.border{ border-color:rgb(226, 255, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 255, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 255, 215); box-shadow:4px 4px 4px 4px rgb(226, 255, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3898, 92.5950, 77.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 215) }
```

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

```
.background{ background-color: rgb(226,  
255, 215) }
```

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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