

Converting Colors

XYZ(85.1662, 93.9841, 83.0814)

Have a look what the booklet for
XYZ(85.1662, 93.9841, 83.0814)
contains.

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Color

**XYZ(85.3034, 94.1278,
82.7798)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F4FCDE |
| RGB | 244, 252, 222 |
| RGB Percent | 96%, 99%, 87% |
| CMY | 0.0431, 0.0117, 0.1294 |
| CMYK | 0.03, 0.00, 0.12, 0.01 |
| HSL | 76°, 83%, 93% |
| HSV | 76°, 12%, 99% |
| XYZ | 85.3034, 94.1278, 82.7798 |
| YIQ | 246.1880, 4.8620, -11.0260 |

Conversions

Conversions Part 2

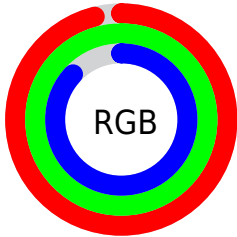
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 222, 252, 230 |
| Decimal | 16055518 |
| CIE _{Lab} | 97.68, -7.72, 13.47 |
| CIE _{LCh} | 98, 15.524, 119.821 |
| Yxy | 94.1278, 0.3253, 0.3590 |
| Android (android.graphics.Color) | 4294245598 (0xFFFF4FCDE) |
| YUV | 246.1880, -11.9247, -1.9189 |
| Hunter-Lab | 97.0195, -12.8398, 17.3257 |

Details

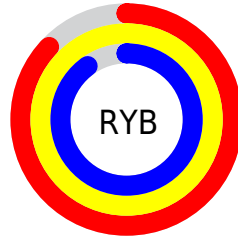
The XYZ color **85.3034, 94.1278, 82.7798** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.3289, 76.0965, 102.7656**, and the grayscale version is **87.8424, 92.4170, 100.6422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2292, 52.5116, 44.2057** is the 20% darker color. If you saturate the color by 10%, you get **79.8854, 91.6990, 66.1934**, and if you desaturate by 10%, it is **91.3166, 96.8106, 102.0331**.

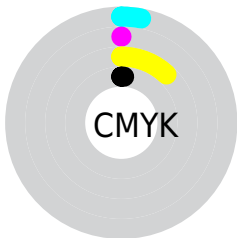
Distribution



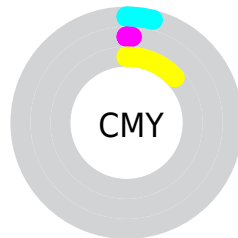
- Red (96%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (4%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3034, 94.1278, 82.7798 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 85.3034, 94.1278, 82.7798 by changing the saturation by 10% instead.


 85.3034, 94.1278,
82.7798

 85.3034, 94.1278,
82.7798


501.1000,
541.3689, 524.2041

 64.4154, 71.4093,
61.4690


139.7088,
153.0591, 139.1135

 47.2502, 52.6762,
44.1707


173.9570,
190.0406, 174.9734

 33.4422, 37.5444,
30.4666


213.3893,
232.5452, 216.5201

 22.6263, 25.6293,
19.9379

258.3711,
280.9574, 264.1721

 14.4370, 16.5465,
12.1663

309.2677,
335.6614, 318.3480

 8.5090, 9.9117,
6.7331

366.4445,

 4.4768, 5.3404,

397.0418, 379.4662

3.2199

430.2668,
465.4828, 447.9454

■ 1.9753, 2.4484,
1.2080

■ 0.6200, 0.8506,
0.0000

■ 85.3034, 94.1278,
82.7798

■ 85.3034, 94.1278,
82.7798

■ 79.8854, 91.6990,
66.1934

■ 91.3166, 96.8106,
102.0331

■ 75.0316, 89.5026,
52.1502

■ 94.1023, 98.1046,
108.5841

■ 70.7197, 87.5326,
40.5258

■ 66.9228, 85.7781,
31.1830

■ 63.6112, 84.2271,
23.9709

■ 60.7519, 82.8663,
18.7202

■ 58.3069, 81.6804,
15.2362

■ 56.2306, 80.6511,
13.2841

■ 54.7647, 79.9104,
12.5379

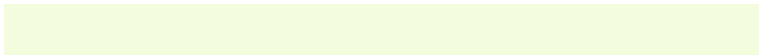
Harmonies

Analogous

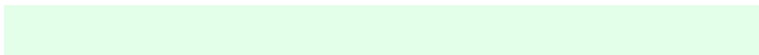
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4923, 94.1278, 80.0146



85.3034, 94.1278, 82.7798



82.3145, 94.1278, 90.7279

Triad

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



85.3034, 94.1278, 82.7798



85.2587, 94.1278, 125.0151



98.2410, 94.1278, 102.5655

Complementary

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



85.3034, 94.1278, 82.7798



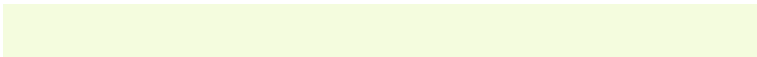
76.3289, 76.0965, 102.7656

Split Complementary

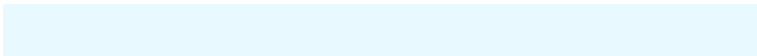
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0194, 94.1278, 115.2253



85.3034, 94.1278, 82.7798



89.4390, 94.1278, 128.8213

Square

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



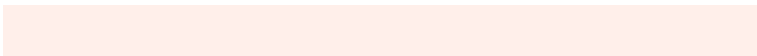
85.3034, 94.1278, 82.7798



82.2893, 94.1278, 115.0826



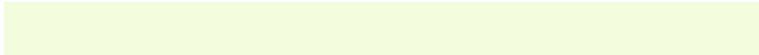
93.7611, 94.1278, 125.1022



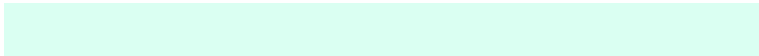
97.0476, 94.1278, 90.8497

Rectangle

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



85.3034, 94.1278, 82.7798



81.3546, 94.1278, 98.2453



93.7611, 94.1278, 125.1022



98.0987, 94.1278, 106.8536

Sweetspot

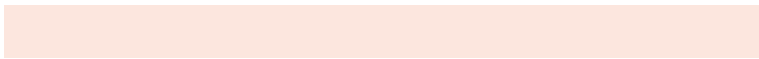
The Sweet Spot groups the original color and five complimentary colors.



85.3059, 94.1319, 82.7818



92.4568, 98.8479, 100.4328



81.6298, 82.5660, 80.7431



19.6876, 21.1121, 21.1668



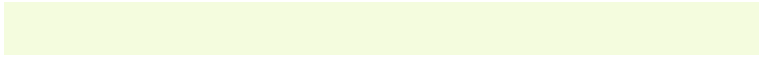
0.0000, 0.0000, 0.0000



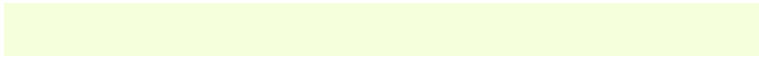
20.3446, 21.4041, 23.3091

Same Dimension

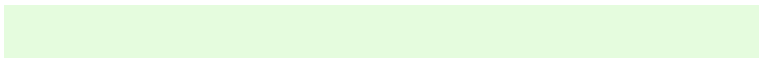
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3059, 94.1319, 82.7818



86.4079, 96.1484, 81.2294



80.3114, 91.5571, 82.5481



18.2491, 19.9442, 18.3502



28.6732, 41.6999, 6.5376



2.7560, 3.9139, 0.6102

Inverse Universe

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



76.3289, 76.0965, 102.7656



75.7171, 74.6689, 105.0296



81.3514, 78.6857, 103.0006



16.7174, 16.8669, 21.7598



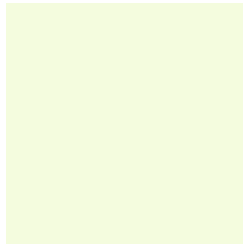
10.4852, 4.3480, 48.2602



1.0670, 0.4522, 4.4742

Previews

White Background



This preview shows how the XYZ color 85.3034, 94.1278, 82.7798 looks on a white background.

Color Contrast Check

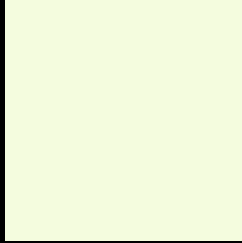
Large Text (above 18pt) WCAG AA × Fail

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 85.3034, 94.1278, 82.7798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

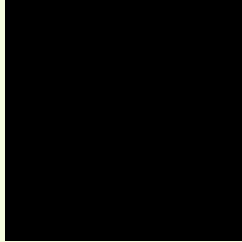
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

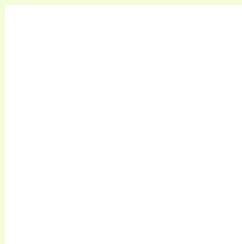
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3034, 94.1278, 82.7798

Background



This preview shows how black text looks on a background with the XYZ color 85.3034, 94.1278, 82.7798.



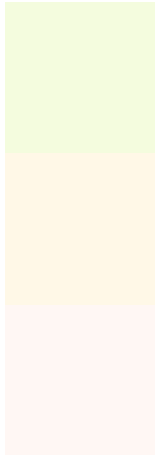
This preview shows how white text looks on a background with the XYZ color 85.3034, 94.1278,

82.7798.

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

85.3034, 94.1278, 82.7798

Protanopia

89.2312, 94.1643, 89.0738

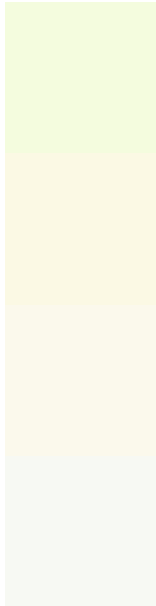
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

90.3777, 93.8813, 107.9652

Trichromacy



Original Color

85.3034, 94.1278, 82.7798

Protanomaly

87.6629, 93.8620, 86.8956

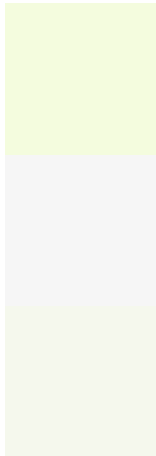
Deuteranomaly

88.7997, 94.3167, 92.8816

Tritanomaly

88.4111, 93.9966, 98.2774

Monochromacy



Original Color

85.3034, 94.1278, 82.7798

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.5097, 92.6617, 93.4467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3034, 94.1278, 82.7798 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(244, 252, 222) looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 222)  
}
```

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(244, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 222) }
```

Border

The CSS property to change the border of an element to XYZ 85.3034, 94.1278, 82.7798 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(244, 252, 222) }
```


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

```
.border{ border-color:rgb(244, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3034, 94.1278, 82.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 222) }
```

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

```
.background{ background-color: rgb(244,  
252, 222) }
```

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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