

Converting Colors

XYZ(83.4192, 94.5034, 85.7958)

Have a look what the booklet for
XYZ(83.4192, 94.5034, 85.7958)
contains.

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Color

**XYZ(83.4192, 94.5034,
85.7958)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF FE2
RGB	234, 255, 226
RGB Percent	92%, 100%, 89%
CMY	0.0823, 0.0000, 0.1137
CMYK	0.08, 0.00, 0.11, 0.00
HSL	103°, 100%, 94%
HSV	103°, 11%, 100%
XYZ	83.4192, 94.5034, 85.7958
YIQ	245.4150, -3.2070, -13.4710

Conversions

Conversions Part 2

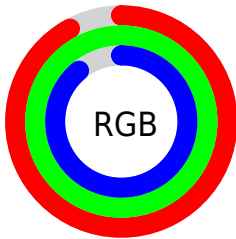
Format	Color
R _Y B	226, 255, 247
Decimal	15400930
CIE Lab	97.83, -11.95, 11.54
CIE LCh	98, 16.610, 136.000
Yxy	94.5034, 0.3163, 0.3583
Android (android.graphics.Color)	4293591010 (0xFFEAF _{FE} 2)
YUV	245.4150, -9.5716, -10.0110
Hunter-Lab	97.2129, -16.9501, 15.7223

Details

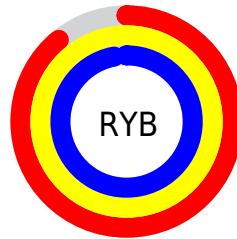
The XYZ color **83.4192, 94.5034, 85.7958** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **83.6048, 81.3880, 105.9107**, and the grayscale version is **87.2013, 91.7425, 99.9076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9049, 52.7934, 46.2988** is the 20% darker color. If you saturate the color by 10%, you get **74.4262, 90.2420, 68.4474**, and if you desaturate by 10%, it is **93.5660, 99.2995, 105.9174**.

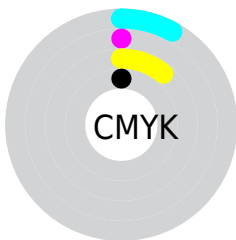
Distribution



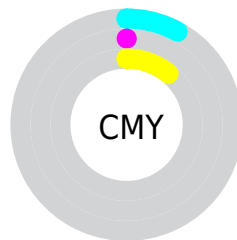
- Red (92%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4192, 94.5034, 85.7958 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 83.4192, 94.5034, 85.7958 by changing the saturation by 10% instead.


 83.4192, 94.5034,
85.7958

 83.4192, 94.5034,
85.7958

494.9454,
542.5739, 534.4708

 62.8541, 71.7217,
63.9452


137.0879,
153.5784, 143.3685

 45.9814, 52.9314,
46.1604


170.9222,
190.6404, 179.9277

 32.4357, 37.7480,
32.0228


209.9104,
233.2314, 222.2269

 21.8517, 25.7872,
21.1140

254.4176,
281.7357, 270.6845

 13.8639, 16.6645,
13.0153

304.8094,
336.5377, 325.7192

 8.1072, 9.9956,
7.3082

361.4511,

 4.2160, 5.3960,

398.0218, 387.7494

3.5742

424.7079,
466.5724, 457.1938

■ 1.8250, 2.4814,
1.3948

■ 0.5327, 0.8673,
0.1377

■ 83.4192, 94.5034,
85.7958

■ 83.4192, 94.5034,
85.7958

■ 74.4262, 90.2420,
68.4474

■ 93.5660, 99.2995,
105.9174

■ 66.5426, 86.4951,
53.7465

95.0500, 100.0000,
108.9000

■ 59.7244, 83.2428,
41.5640

■ 53.9235, 80.4633,
31.7583

■ 49.0880, 78.1334,
24.1740

■ 45.1611, 76.2275,
18.6368

■ 42.0790, 74.7171,
14.9468

■ 39.7683, 73.5696,
12.8635

■ 38.3109, 72.8350,
12.0394

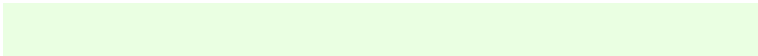
Harmonies

Analogous

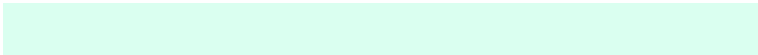
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3317, 94.5034, 79.7724



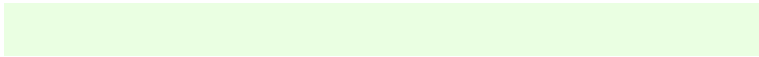
83.4192, 94.5034, 85.7958



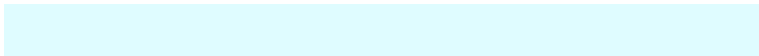
81.2589, 94.5034, 96.7062

Triad

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



83.4192, 94.5034, 85.7958



87.6337, 94.5034, 130.3861



98.8800, 94.5034, 95.8639

Complementary

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



83.4192, 94.5034, 85.7958



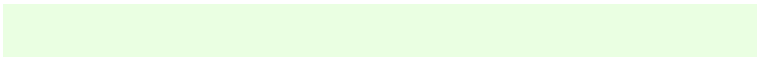
83.6048, 81.3880, 105.9107

Split Complementary

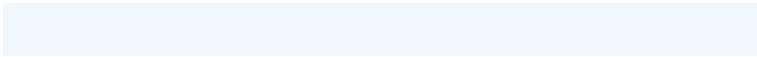
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9678, 94.5034, 109.3489



83.4192, 94.5034, 85.7958



92.3605, 94.5034, 130.1100

Square

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



83.4192, 94.5034, 85.7958



83.6336, 94.5034, 122.8584



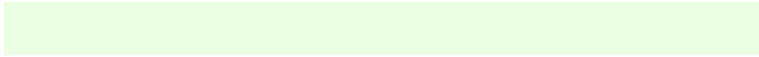
96.5457, 94.5034, 122.1344



96.3097, 94.5034, 85.2261

Rectangle

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



83.4192, 94.5034, 85.7958



81.0524, 94.5034, 105.6530



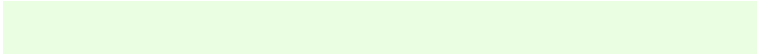
96.5457, 94.5034, 122.1344



99.2038, 94.5034, 100.1916

Sweetspot

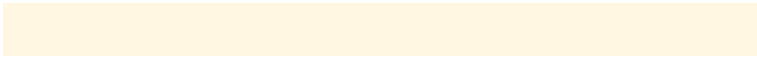
The Sweet Spot groups the original color and five complimentary colors.



83.4199, 94.5038, 85.7972



91.8338, 98.4815, 102.4478



88.1624, 93.1405, 85.2842



19.4761, 20.9940, 21.5683



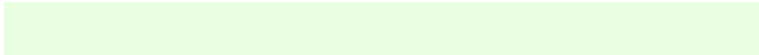
0.0000, 0.0000, 0.0000



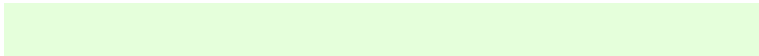
20.3446, 21.4041, 23.3091

Same Dimension

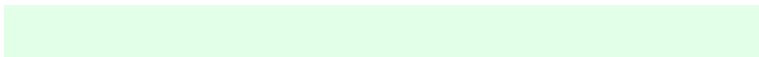
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4199, 94.5038, 85.7972



80.9462, 93.3327, 80.9738



81.7306, 93.5315, 90.3020



18.2418, 20.4106, 19.1225



20.1410, 38.1211, 6.2966



2.0611, 3.7633, 0.6178

Inverse Universe

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



83.6048, 81.3880, 105.9107



81.1689, 77.4794, 105.2847



85.4917, 82.4757, 100.8048



18.2754, 18.0337, 22.7676



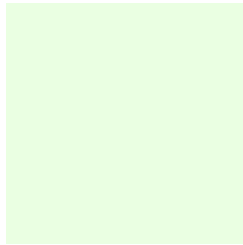
19.9940, 9.2178, 50.1600



2.0524, 0.9520, 4.8888

Previews

White Background



This preview shows how the XYZ color 83.4192, 94.5034, 85.7958 looks on a white background.

Color Contrast Check

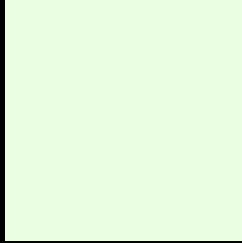
Large Text (above 18pt) WCAG AA × Fail

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 83.4192, 94.5034, 85.7958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

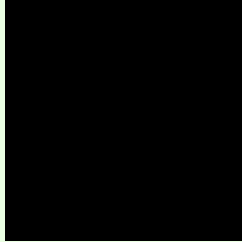
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

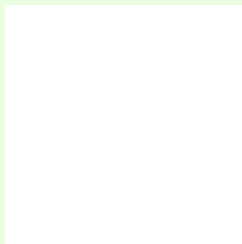
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4192, 94.5034, 85.7958

Background



This preview shows how black text looks on a background with the XYZ color 83.4192, 94.5034, 85.7958.



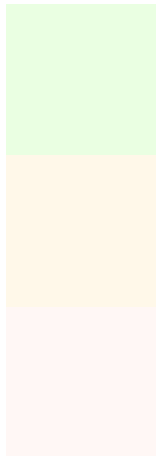
This preview shows how white text looks on a background with the XYZ color 83.4192, 94.5034,

85.7958.

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

83.4192, 94.5034, 85.7958

Protanopia

89.5154, 94.2780, 90.5703

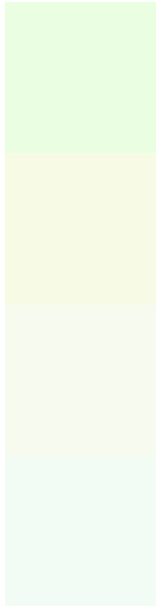
Deuteranopia

90.9822, 94.3741, 99.8069

Tritanopia

89.9317, 94.5642, 108.1205

Trichromacy



Original Color

83.4192, 94.5034, 85.7958

Protanomaly

87.1379, 94.4817, 88.5070

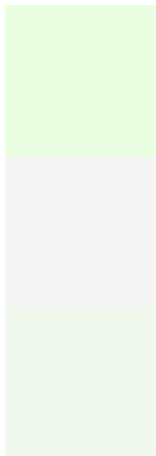
Deuteranomaly

87.9760, 94.3184, 94.4574

Tritanomaly

87.4443, 94.4033, 99.2008

Monochromacy



Original Color

83.4192, 94.5034, 85.7958

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.5839, 92.6252, 94.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4192, 94.5034, 85.7958 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(234, 255, 226) looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 226)  
}
```

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(234, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 83.4192, 94.5034, 85.7958 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(234, 255, 226) }
```


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

```
.border{ border-color:rgb(234, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4192, 94.5034, 85.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 226) }
```

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

```
.background{ background-color: rgb(234,  
255, 226) }
```

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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