

Converting Colors

XYZ(108.2272, 141.4952,
90.5682)

Have a look what the booklet for
XYZ(108.2272, 141.4952, 90.5682)
contains.

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Color

**XYZ(85.2204, 95.4947,
83.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFDE
RGB	241, 255, 222
RGB Percent	95%, 100%, 87%
CMY	0.0549, 0.0000, 0.1294
CMYK	0.05, 0.00, 0.13, 0.00
HSL	85°, 100%, 94%
HSV	85°, 13%, 100%
XYZ	85.2204, 95.4947, 83.0480
YIQ	247.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

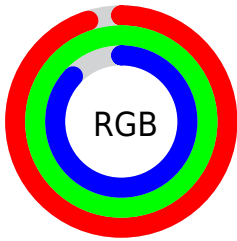
Format	Color
R_{YB}	222, 255, 236
Decimal	15859678
CIE _{Lab}	98.23, -10.24, 14.22
CIE _{LCh}	98, 17.518, 125.758
Y _{xy}	95.4947, 0.3231, 0.3620
Android (android.graphics.Color)	4294049758 (0xFFFF1FFDE)
YUV	247.0520, -12.3506, -5.3076
Hunter-Lab	97.7214, -15.3470, 18.0177

Details

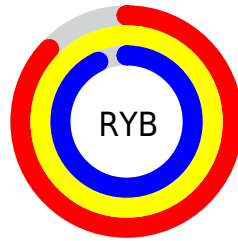
The XYZ color **85.2204, 95.4947, 83.0480** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **78.7642, 77.2967, 105.3762**, and the grayscale version is **88.5457, 93.1570, 101.4479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1767, 53.4925, 44.3978** is the 20% darker color. If you saturate the color by 10%, you get **78.4729, 92.3817, 66.2202**, and if you desaturate by 10%, it is **92.7055, 98.9281, 102.6114**.

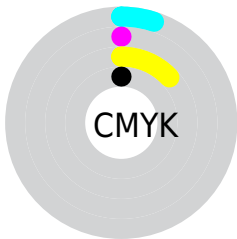
Distribution



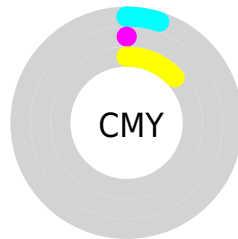
- Red (95%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2204, 95.4947, 83.0480 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 85.2204, 95.4947, 83.0480 by changing the saturation by 10% instead.


 85.2204, 95.4947,
83.0480

 85.2204, 95.4947,
83.0480


500.8298,
545.7475, 525.1217

 64.3466, 72.5468,
61.6889


139.5935,
154.9479, 139.4925

 47.1942, 53.6055,
44.3472


173.8235,
192.2219, 175.4150

 33.3978, 38.2863,
30.6044


213.2364,
235.0401, 217.0291

 22.5920, 26.2050,
20.0418

258.1973,
283.7869, 264.7533

 14.4116, 16.9771,
12.2411

309.0718,
338.8466, 319.0061

 8.4911, 10.2181,
6.7836

366.2251,

 4.4652, 5.5438,

400.6037, 380.2060

3.2507

430.0227,
469.4425, 448.7717

■ 1.9685, 2.5697,
1.2240

■ 0.6162, 0.9115,
0.0000

■ 85.2204, 95.4947,
83.0480

■ 85.2204, 95.4947,
83.0480

■ 78.4729, 92.3817,
66.2202

■ 92.7055, 98.9281,
102.6114

■ 72.4342, 89.5771,
52.0015

95.0500, 100.0000,
108.9000

■ 67.0760, 87.0691,
40.2622

■ 62.3675, 84.8450,
30.8596

■ 58.2746, 82.8907,
23.6363

■ 54.7596, 81.1906,
18.4158

■ 51.7795, 79.7269,
14.9939

■ 49.2826, 78.4785,
13.1228

■ 47.7602, 77.7063,
12.4816

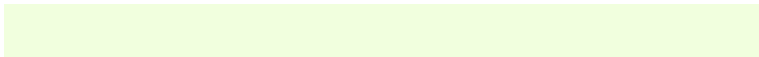
Harmonies

Analogous

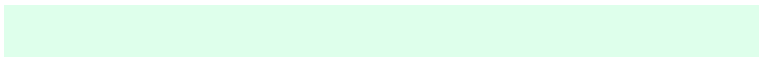
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7963, 95.4947, 78.7426



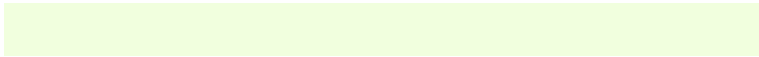
85.2204, 95.4947, 83.0480



82.2146, 95.4947, 92.9962

Triad

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



85.2204, 95.4947, 83.0480



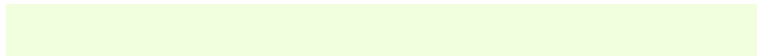
86.8448, 95.4947, 131.3841



100.7493, 95.4947, 101.2186

Complementary

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



85.2204, 95.4947, 83.0480



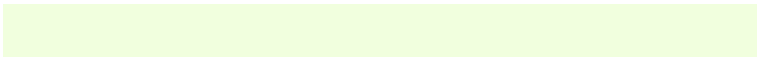
78.7642, 77.2967, 105.3762

Split Complementary

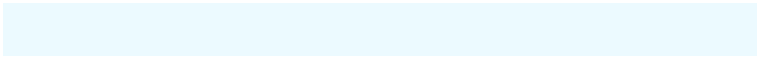
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.8883, 95.4947, 115.7909



85.2204, 95.4947, 83.0480



91.7403, 95.4947, 134.0986

Square

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



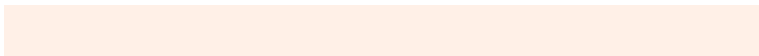
85.2204, 95.4947, 83.0480



83.1279, 95.4947, 121.0485



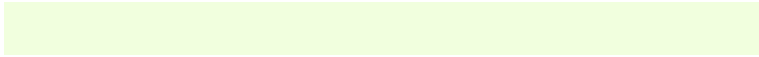
96.5447, 95.4947, 128.1574



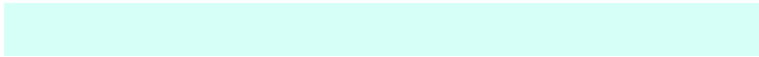
98.8558, 95.4947, 88.5920

Rectangle

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



85.2204, 95.4947, 83.0480



81.4421, 95.4947, 101.9386



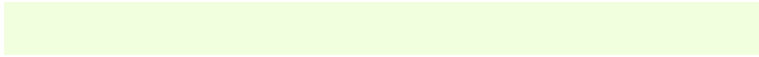
96.5447, 95.4947, 128.1574



100.7732, 95.4947, 106.0434

Sweetspot

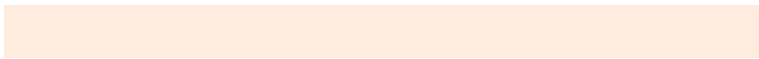
The Sweet Spot groups the original color and five complimentary colors.



85.2210, 95.4950, 83.0494



91.8768, 98.5489, 100.4056



84.3490, 86.3818, 81.3364



19.5406, 21.0364, 21.1599



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

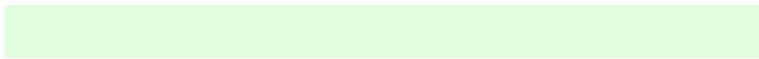
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2210, 95.4950, 83.0494



83.0794, 94.5090, 77.6156



79.9191, 92.7617, 82.8013



18.7732, 20.6845, 19.1474



25.1300, 40.6931, 6.5301



2.5717, 4.0265, 0.6417

Inverse Universe

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



78.7642, 77.2967, 105.3762



75.2667, 72.4882, 104.6324



84.4074, 80.2058, 105.6403



17.7335, 17.7544, 22.7422



12.8365, 5.5279, 49.8250



1.3715, 0.6010, 4.8570

Previews

White Background



This preview shows how the XYZ color 85.2204, 95.4947, 83.0480 looks on a white background.

Color Contrast Check

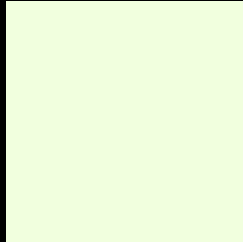
Large Text (above 18pt) WCAG AA × Fail

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 85.2204, 95.4947, 83.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

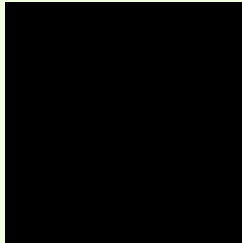
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

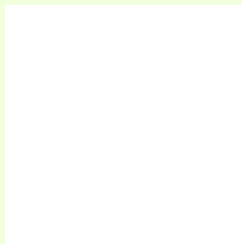
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2204, 95.4947, 83.0480

Background



This preview shows how black text looks on a background with the XYZ color 85.2204, 95.4947, 83.0480.



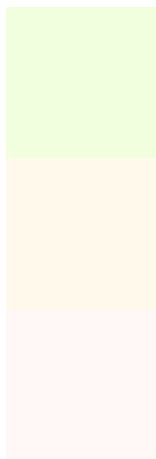
This preview shows how white text looks on a background with the XYZ color 85.2204, 95.4947,

83.0480.

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

85.2204, 95.4947, 83.0480

Protanopia

90.2560, 95.0675, 92.9497

Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

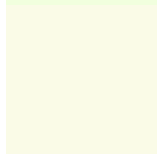
90.9926, 95.1111, 108.1702

Trichromacy



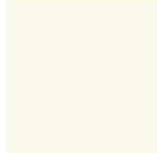
Original Color

85.2204, 95.4947, 83.0480



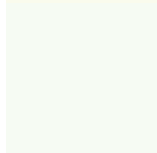
Protanomaly

88.3453, 95.0879, 89.2988



Deuteranomaly

89.2076, 95.4328, 93.8394



Tritanomaly

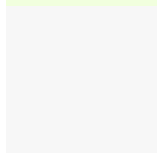
88.6809, 95.0583, 98.4681

Monochromacy



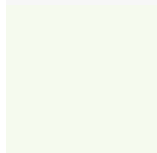
Original Color

85.2204, 95.4947, 83.0480



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.2744, 93.9567, 94.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2204, 95.4947, 83.0480 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(241, 255, 222) looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 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(241, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 85.2204, 95.4947, 83.0480 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(241, 255, 222) }
```


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

```
.border{ border-color:rgb(241, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2204, 95.4947, 83.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 222) }
```

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

```
.background{ background-color: rgb(241,  
255, 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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