

Converting Colors

XYZ(86.2871, 97.2339, 84.6043)

Have a look what the booklet for
XYZ(86.2871, 97.2339, 84.6043)
contains.

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Color

**XYZ(85.4902, 95.6026,
84.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE0
RGB	241, 255, 224
RGB Percent	95%, 100%, 88%
CMY	0.0549, 0.0000, 0.1216
CMYK	0.05, 0.00, 0.12, 0.00
HSL	87°, 100%, 94%
HSV	87°, 12%, 100%
XYZ	85.4902, 95.6026, 84.4683
YIQ	247.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

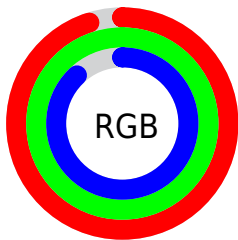
Format	Color
R_{YB}	224, 255, 238
Decimal	15859680
CIE _{Lab}	98.27, -9.91, 13.25
CIE _{LCh}	98, 16.552, 126.796
Yxy	95.6026, 0.3219, 0.3600
Android (android.graphics.Color)	4294049760 (0xFFFF1FFE0)
YUV	247.2800, -11.4770, -5.5076
Hunter-Lab	97.7766, -15.0389, 17.2235

Details

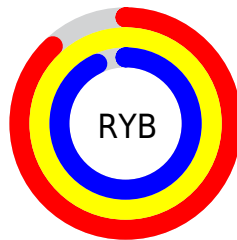
The XYZ color **85.4902, 95.6026, 84.4683** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.9663, 78.7096, 105.5855**, and the grayscale version is **88.7249, 93.3455, 101.6532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3631, 53.5670, 45.3793** is the 20% darker color. If you saturate the color by 10%, you get **78.4793, 92.3584, 67.4208**, and if you desaturate by 10%, it is **93.2697, 99.1830, 104.2619**.

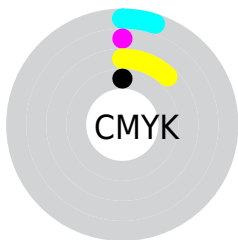
Distribution



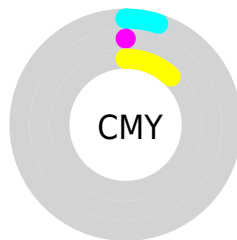
- Red (95%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4902, 95.6026, 84.4683 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 85.4902, 95.6026, 84.4683 by changing the saturation by 10% instead.


 85.4902, 95.6026,
84.4683

 85.4902, 95.6026,
84.4683


501.7080,
546.0923, 529.9657

 64.5704, 72.6366,
62.8545


139.9684,
155.0969, 141.4976

 47.3762, 53.6789,
45.2833


174.2574,
192.3939, 177.7503

 33.5423, 38.3450,
31.3360


213.7335,
235.2368, 219.7196

 22.7034, 26.2506,
20.5943

258.7620,
284.0099, 267.8242

 14.4942, 17.0112,
12.6394

309.7084,
339.0976, 322.4825

 8.5492, 10.2425,
7.0529

366.9380,

 4.5030, 5.5600,

400.8843, 384.1132

3.4163

430.8160,
469.7544, 453.1347

■ 1.9905, 2.5794,
1.3109

■ 0.6286, 0.9163,
0.0707

■ 85.4902, 95.6026,
84.4683

■ 85.4902, 95.6026,
84.4683

■ 78.4793, 92.3584,
67.4208

■ 93.2697, 99.1830,
104.2619

■ 72.2074, 89.4380,
52.9937

95.0500, 100.0000,
108.9000

■ 66.6458, 86.8293,
41.0578

■ 61.7627, 84.5191,
31.4716

■ 57.5236, 82.4930,
24.0788

■ 53.8902, 80.7351,
18.7047

■ 50.8189, 79.2273,
15.1476

■ 48.2580, 77.9483,
13.1640

■ 46.5487, 77.0818,
12.4249

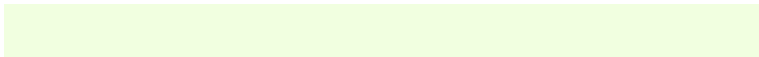
Harmonies

Analogous

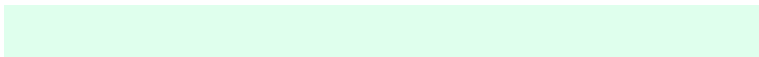
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7877, 95.6026, 80.1570



85.4902, 95.6026, 84.4683



82.7052, 95.6026, 94.0967

Triad

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



85.4902, 95.6026, 84.4683



87.3057, 95.6026, 130.1177



100.2705, 95.6026, 101.0211

Complementary

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



85.4902, 95.6026, 84.4683



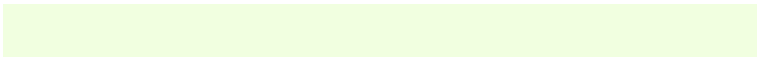
79.9663, 78.7096, 105.5855

Split Complementary

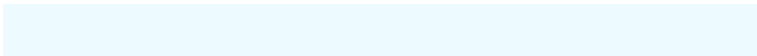
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.5497, 95.6026, 114.7776



85.4902, 95.6026, 84.4683



91.9558, 95.6026, 132.3793

Square

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



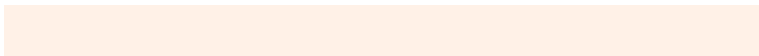
85.4902, 95.6026, 84.4683



83.7275, 95.6026, 120.6130



96.4655, 95.6026, 126.5482



98.4020, 95.6026, 89.1584

Rectangle

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



85.4902, 95.6026, 84.4683



82.0246, 95.6026, 102.6357



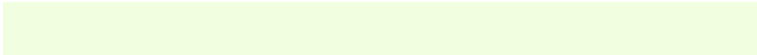
96.4655, 95.6026, 126.5482



100.3239, 95.6026, 105.5680

Sweetspot

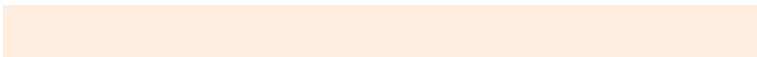
The Sweet Spot groups the original color and five complimentary colors.



85.4909, 95.6029, 84.4697



91.7765, 98.4972, 100.4009



85.2551, 87.7625, 82.9688



19.5152, 21.0233, 21.1587



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

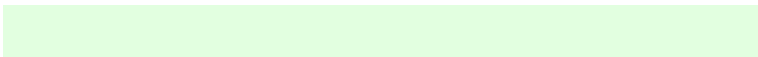
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4909, 95.6029, 84.4697



83.4200, 94.6466, 79.3472



80.4385, 92.9983, 84.2333



18.7238, 20.6591, 19.1451



24.4972, 40.3668, 6.5004



2.5111, 3.9953, 0.6388

Inverse Universe

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



79.9663, 78.7096, 105.5855



76.7379, 74.2133, 104.8878



85.3782, 81.4996, 105.8388



17.7821, 17.7794, 22.7445



13.3033, 5.7686, 49.8469



1.4191, 0.6255, 4.8592

Previews

White Background



This preview shows how the XYZ color 85.4902, 95.6026, 84.4683 looks on a white background.

Color Contrast Check

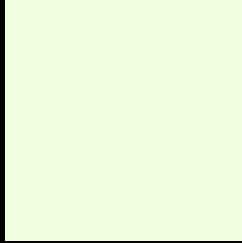
Large Text (above 18pt) WCAG AA × Fail

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 85.4902, 95.6026, 84.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

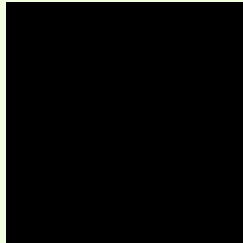
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

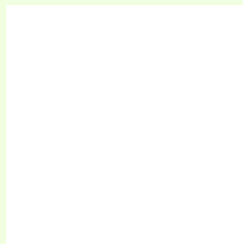
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4902, 95.6026, 84.4683

Background



This preview shows how black text looks on a background with the XYZ color 85.4902, 95.6026, 84.4683.



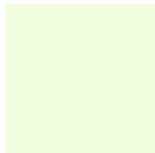
This preview shows how white text looks on a background with the XYZ color 85.4902, 95.6026,

84.4683.

Color Blindness Simulation

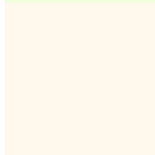
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.4902, 95.6026, 84.4683



Protanopia

90.4017, 95.1258, 93.7172



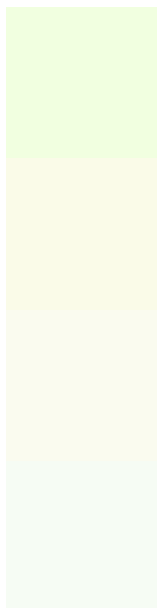
Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

85.4902, 95.6026, 84.4683

Protanomaly

88.4870, 95.1445, 90.0449

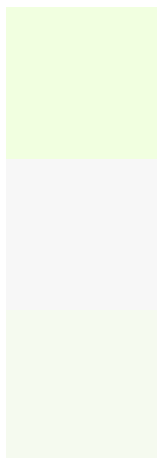
Deuteranomaly

89.5015, 95.5503, 95.3872

Tritanomaly

89.1456, 95.7453, 99.3702

Monochromacy



Original Color

85.4902, 95.6026, 84.4683

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4218, 94.0157, 95.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4902, 95.6026, 84.4683 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 85.4902, 95.6026, 84.4683 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, 224) }
```


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

```
.border{ border-color:rgb(241, 255, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4902, 95.6026, 84.4683 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, 224) }
```

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

```
.background{ background-color: rgb(241,  
255, 224) }
```

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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