

Converting Colors

XYZ(83.4384, 95.1350, 57.7082)

Have a look what the booklet for
XYZ(83.4384, 95.1350, 57.7082)
contains.

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Color

**XYZ(83.5248, 95.1802,
57.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFB5
RGB	250, 255, 181
RGB Percent	98%, 100%, 71%
CMY	0.0196, 0.0000, 0.2902
CMYK	0.02, 0.00, 0.29, 0.00
HSL	64°, 100%, 85%
HSV	64°, 29%, 100%
XYZ	83.5248, 95.1802, 57.6854
YIQ	245.0690, 20.7740, -24.0740

Conversions

Conversions Part 2

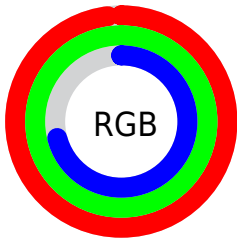
Format	Color
RYB	181, 255, 186
Decimal	16449461
CIELab	98.11, -12.92, 34.90
CIELCh	98, 37.214, 110.307
Yxy	95.1802, 0.3533, 0.4026
Android (android.graphics.Color)	4294639541 (0xFFFAFFB5)
YUV	245.0690, -31.5860, 4.3245
Hunter-Lab	97.5603, -17.9105, 33.2353

Details

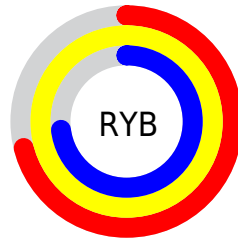
The XYZ color **83.5248, 95.1802, 57.6854** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.8246, 50.7081, 101.5058**, and the grayscale version is **87.0801, 91.6150, 99.7687**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **46.0172, 53.2579, 27.9331** is the 20% darker color. If you saturate the color by 10%, you get **80.5285, 93.9107, 45.1143**, and if you desaturate by 10%, it is **87.0064, 96.6445, 72.7815**.

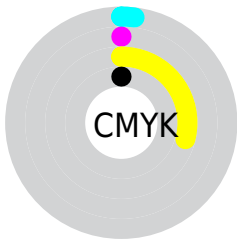
Distribution



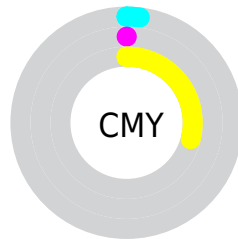
- Red (98%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5248, 95.1802, 57.6854 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 83.5248, 95.1802, 57.6854 by changing the saturation by 10% instead.


 83.5248, 95.1802,
57.6854

 83.5248, 95.1802,
57.6854


495.2914,
544.7417, 433.5781

 62.9416, 72.2850,
41.1428


 137.2350,
154.5135, 102.9748

 46.0524, 53.3915,
28.1101


171.0926,
191.7204, 132.5587

 32.4920, 38.1154,
18.1689


210.1057,
234.4666, 167.3267

 21.8949, 26.0723,
10.9006

254.6397,
283.1366, 207.6975

 13.8959, 16.8777,
5.8867

305.0599,
338.1147, 254.0894

 8.1295, 10.1473,
2.7086

361.7317,

 4.2304, 5.4968,

399.7853, 306.9211

0.9478

425.0204,
468.5329, 366.6112

■ 1.8333, 2.5416,
0.0000

■ 0.5376, 0.8974,
0.0000

■ 83.5248, 95.1802,
57.6854

■ 83.5248, 95.1802,
57.6854

■ 80.5285, 93.9107,
45.1143

■ 87.0064, 96.6445,
72.7815

■ 77.9902, 92.8250,
34.9264

■ 90.9965, 98.3128,
90.5259

■ 75.8817, 91.9119,
26.9723

95.0500, 100.0000,
108.9000

■ 74.1709, 91.1585,
21.0837

■ 72.8216, 90.5504,
17.0689

■ 71.7903, 90.0701,
14.7003

■ 71.0133, 89.6922,
13.6414

■ 70.9429, 89.6574,
13.5665

Harmonies

Analogous

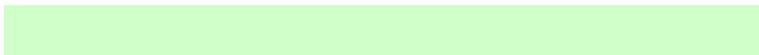
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9678, 95.1802, 55.8011



83.5248, 95.1802, 57.6854



75.5668, 95.1802, 70.4288

Triad

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



83.5248, 95.1802, 57.6854



77.9742, 95.1802, 155.7952



112.2552, 95.1802, 113.8561

Complementary

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



83.5248, 95.1802, 57.6854



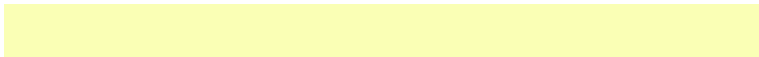
54.8246, 50.7081, 101.5058

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.



107.2050, 95.1802, 145.9171



83.5248, 95.1802, 57.6854



87.0522, 95.1802, 173.0878

Square

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



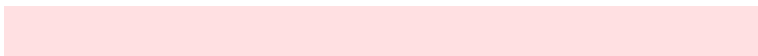
83.5248, 95.1802, 57.6854



72.5414, 95.1802, 125.4144



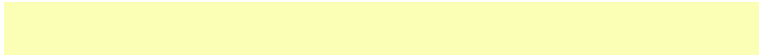
97.7813, 95.1802, 169.1545



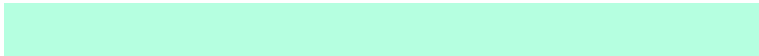
111.1238, 95.1802, 84.5355

Rectangle

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



83.5248, 95.1802, 57.6854



72.4765, 95.1802, 85.0530



97.7813, 95.1802, 169.1545



111.2100, 95.1802, 124.7437

Sweetspot

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



83.5251, 95.1803, 57.6867



91.0044, 98.3161, 90.5616



67.1261, 59.6869, 51.7001



19.3474, 20.9889, 18.7949



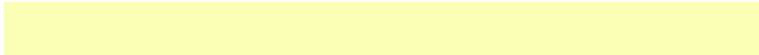
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

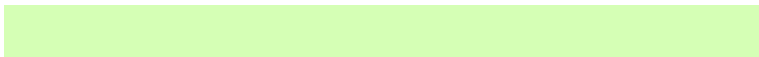
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5251, 95.1803, 57.6867



81.6761, 94.3982, 49.8722



71.5610, 89.0126, 57.1268



19.4329, 21.0246, 19.1783



37.1208, 46.8745, 7.0912



3.6493, 4.5820, 0.6921

Inverse Universe

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



54.8246, 50.7081, 101.5058



48.6059, 43.1474, 100.3742



64.9856, 55.9463, 101.9813



17.1166, 17.4363, 22.7134



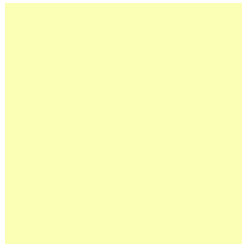
9.5963, 3.8576, 49.6734



0.9722, 0.3951, 4.8383

Previews

White Background



This preview shows how the XYZ color 83.5248, 95.1802, 57.6854 looks on a white background.

Color Contrast Check

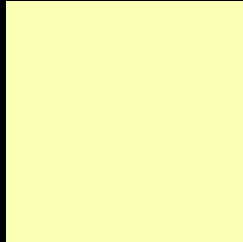
Large Text (above 18pt) WCAG AA × Fail

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 83.5248, 95.1802, 57.6854 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 83.5248, 95.1802, 57.6854

Background



This preview shows how black text looks on a background with the XYZ color 83.5248, 95.1802, 57.6854.



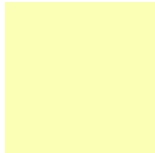
This preview shows how white text looks on a background with the XYZ color 83.5248, 95.1802,

57.6854.

Color Blindness Simulation

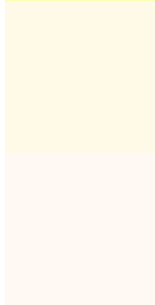
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.5248, 95.1802, 57.6854



Protanopia

89.6812, 94.8376, 89.9227

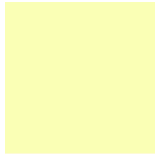
Deuteranopia

90.9851, 94.8659, 98.3095

Tritanopia

92.4905, 95.4256, 108.1520

Trichromacy



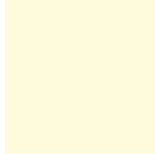
Original Color

83.5248, 95.1802, 57.6854



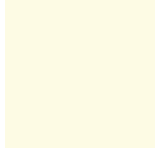
Protanomaly

87.0154, 94.6811, 76.6399



Deuteranomaly

87.9235, 95.0443, 81.4215



Tritanomaly

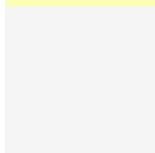
89.0088, 95.4784, 87.1367

Monochromacy



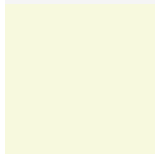
Original Color

83.5248, 95.1802, 57.6854



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.4183, 92.7994, 82.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5248, 95.1802, 57.6854 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(250, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 181)  
}
```

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(250, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 83.5248, 95.1802, 57.6854 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(250, 255, 181) }
```


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

```
.border{ border-color:rgb(250, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5248, 95.1802, 57.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 181) }
```

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

```
.background{ background-color: rgb(250,  
255, 181) }
```

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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