

Converting Colors

XYZ(83.8803, 95.3323, 59.1079)

Have a look what the booklet for
XYZ(83.8803, 95.3323, 59.1079)
contains.

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Color

**XYZ(83.8361, 95.3047,
59.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFB8
RGB	250, 255, 184
RGB Percent	98%, 100%, 72%
CMY	0.0196, 0.0000, 0.2784
CMYK	0.02, 0.00, 0.28, 0.00
HSL	64°, 100%, 86%
HSV	64°, 28%, 100%
XYZ	83.8361, 95.3047, 59.3244
YIQ	245.4110, 19.8110, -23.1410

Conversions

Conversions Part 2

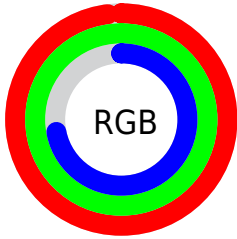
Format	Color
RYB	184, 255, 189
Decimal	16449464
CIELab	98.16, -12.54, 33.47
CIElCh	98, 35.739, 110.533
Yxy	95.3047, 0.3516, 0.3997
Android (android.graphics.Color)	4294639544 (0xFFFAFFB8)
YUV	245.4110, -30.2756, 4.0246
Hunter-Lab	97.6241, -17.5528, 32.3074

Details

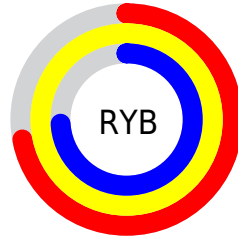
The XYZ color **83.8361, 95.3047, 59.3244** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.1777, 52.3210, 101.7458**, and the grayscale version is **87.3463, 91.8951, 100.0737**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **46.2157, 53.3373, 28.9784** is the 20% darker color. If you saturate the color by 10%, you get **80.7590, 93.9999, 46.4623**, and if you desaturate by 10%, it is **87.4020, 96.8058, 74.7270**.

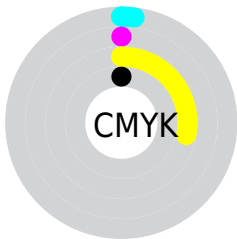
Distribution



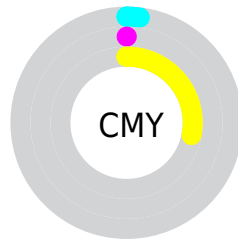
- Red (98%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8361, 95.3047, 59.3244 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 83.8361, 95.3047, 59.3244 by changing the saturation by 10% instead.


 83.8361, 95.3047,
59.3244

 83.8361, 95.3047,
59.3244


496.3107,
545.1400, 439.8383

 63.1994, 72.3886,
42.4526


 137.6683,
154.6855, 105.3828

 46.2618, 53.4762,
29.1276


171.5945,
191.9190, 135.4064

 32.6579, 38.1830,
18.9310


210.6813,
234.6937, 170.6510

 22.0225, 26.1248,
11.4441

255.2940,
283.3941, 211.5352

 13.9901, 16.9170,
6.2485

305.7979,
338.4045, 258.4775

 8.1955, 10.1753,
2.9255

362.5584,

 4.2731, 5.5154,

400.1094, 311.8964

1.0567

425.9409,
468.8931, 372.2105

■ 1.8578, 2.5527,
0.0000

■ 0.5521, 0.9029,
0.0000

■ 83.8361, 95.3047,
59.3244

■ 83.8361, 95.3047,
59.3244

■ 80.7590, 93.9999,
46.4623

■ 87.4020, 96.8058,
74.7270

■ 78.1435, 92.8804,
36.0003

■ 91.4796, 98.5122,
92.7923

■ 75.9618, 91.9352,
27.7905

95.0500, 100.0000,
108.9000

■ 74.1824, 91.1515,
21.6673

■ 72.7693, 90.5151,
17.4419

■ 71.6805, 90.0091,
14.8920

■ 70.8592, 89.6108,
13.7200

■ 70.6995, 89.5320,
13.5551

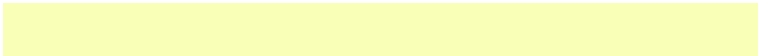
Harmonies

Analogous

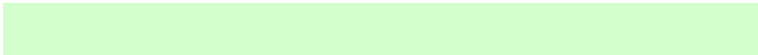
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8699, 95.3047, 57.4023



83.8361, 95.3047, 59.3244



76.1850, 95.3047, 71.8263

Triad

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



83.8361, 95.3047, 59.3244



78.6081, 95.3047, 153.8136



111.4819, 95.3047, 113.3494

Complementary

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



83.8361, 95.3047, 59.3244



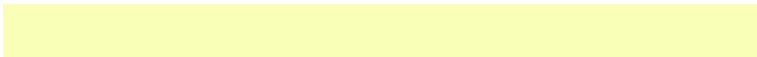
56.1777, 52.3210, 101.7458

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.



106.6924, 95.3047, 144.0096



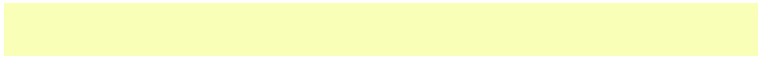
83.8361, 95.3047, 59.3244



87.3762, 95.3047, 170.1130

Square

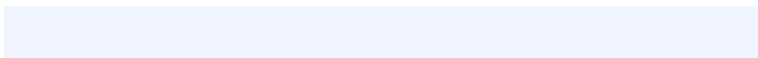
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



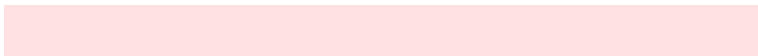
83.8361, 95.3047, 59.3244



73.3286, 95.3047, 124.8872



97.6852, 95.3047, 166.2208



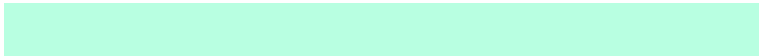
110.3545, 95.3047, 85.1795

Rectangle

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



83.8361, 95.3047, 59.3244



73.2197, 95.3047, 86.0482



97.6852, 95.3047, 166.2208



110.4977, 95.3047, 123.7732

Sweetspot

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



83.8365, 95.3049, 59.3257



91.4111, 98.4836, 92.4860



68.0327, 61.0023, 53.5376



19.4275, 21.0218, 19.1780



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

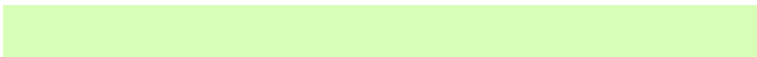
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8365, 95.3049, 59.3257



82.1898, 94.6079, 52.3825



72.3682, 89.3928, 58.7890



19.4275, 21.0218, 19.1780



36.9956, 46.8100, 7.0854



3.6385, 4.5765, 0.6916

Inverse Universe

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



56.1777, 52.3210, 101.7458



50.6650, 45.6100, 100.7410



66.0041, 57.3867, 102.2057



17.1214, 17.4388, 22.7136



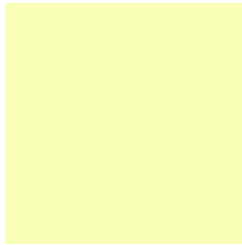
9.6045, 3.8618, 49.6738



0.9745, 0.3963, 4.8384

Previews

White Background



This preview shows how the XYZ color 83.8361, 95.3047, 59.3244 looks on a white background.

Color Contrast Check

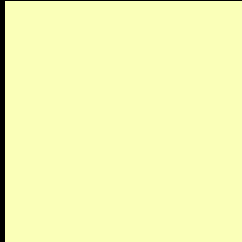
Large Text (above 18pt) WCAG AA × Fail

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 83.8361, 95.3047, 59.3244 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 83.8361, 95.3047, 59.3244

Background



This preview shows how black text looks on a background with the XYZ color 83.8361, 95.3047, 59.3244.



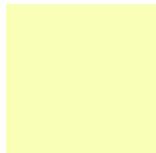
This preview shows how white text looks on a background with the XYZ color 83.8361, 95.3047,

59.3244.

Color Blindness Simulation

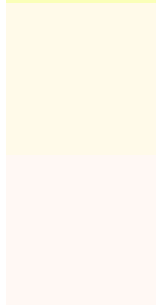
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.8361, 95.3047, 59.3244



Protanopia

90.1336, 95.5144, 90.7764

Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

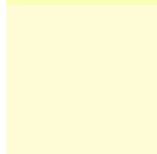
92.4905, 95.4256, 108.1520

Trichromacy



Original Color

83.8361, 95.3047, 59.3244



Protanomaly

87.5842, 95.4098, 78.0897



Deuteranomaly

88.1900, 95.1509, 82.8251



Tritanomaly

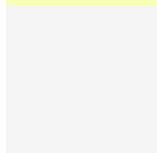
89.1481, 95.5342, 87.8701

Monochromacy



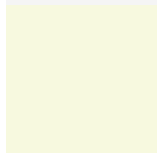
Original Color

83.8361, 95.3047, 59.3244



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.5527, 92.8532, 83.2254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8361, 95.3047, 59.3244 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 83.8361, 95.3047, 59.3244 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, 184) }
```


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

```
.border{ border-color:rgb(250, 255, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8361, 95.3047, 59.3244 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, 184) }
```

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

```
.background{ background-color: rgb(250,  
255, 184) }
```

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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