

Converting Colors

XYZ(83.3524, 94.1372, 58.0331)

Have a look what the booklet for
XYZ(83.3524, 94.1372, 58.0331)
contains.

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Color

**XYZ(83.3524, 94.1372,
58.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFDB6
RGB	251, 253, 182
RGB Percent	98%, 99%, 71%
CMY	0.0157, 0.0078, 0.2863
CMYK	0.01, 0.00, 0.28, 0.01
HSL	62°, 95%, 85%
HSV	62°, 28%, 99%
XYZ	83.3524, 94.1372, 58.0331
YIQ	244.3080, 21.5990, -22.5050

Conversions

Conversions Part 2

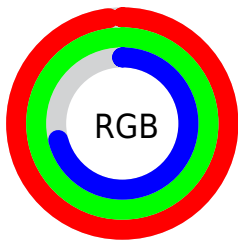
Format	Color
RYB	182, 253, 184
Decimal	16514486
CIELab	97.69, -11.44, 33.86
CIELCh	98, 35.737, 108.673
Yxy	94.1372, 0.3539, 0.3997
Android (android.graphics.Color)	4294704566 (0xFFFBFDB6)
YUV	244.3080, -30.7178, 5.8689
Hunter-Lab	97.0243, -16.4454, 32.4539

Details

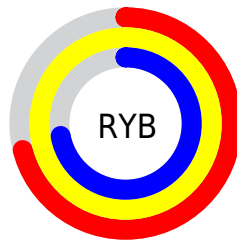
The XYZ color **83.3524, 94.1372, 58.0331** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.2283, 50.7405, 99.8697**, and the grayscale version is **86.4640, 90.9669, 99.0629**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **45.8843, 52.5077, 28.1387** is the 20% darker color. If you saturate the color by 10%, you get **80.7143, 93.0555, 45.4723**, and if you desaturate by 10%, it is **86.4687, 95.4168, 73.0858**.

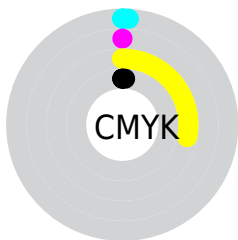
Distribution



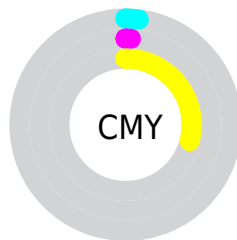
- Red (98%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (99%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3524, 94.1372, 58.0331 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 83.3524, 94.1372, 58.0331 by changing the saturation by 10% instead.


 83.3524, 94.1372,
58.0331

 83.3524, 94.1372,
58.0331

494.7264,
541.3991, 434.9110

 62.7988, 71.4171,
41.4204


 136.9949,
153.0721, 103.4863

 45.9365, 52.6826,
28.3255


170.8145,
190.0556, 133.1639

 32.4001, 37.5495,
18.3300


209.7868,
232.5624, 168.0335

 21.8243, 25.6332,
11.0153

254.2771,
280.9769, 208.5137

 13.8438, 16.5494,
5.9628

304.6509,
335.6834, 255.0230

 8.0930, 9.9138,
2.7541

361.2735,

 4.2069, 5.3418,

397.0663, 307.9799

0.9705

424.5102,
465.5101, 367.8031

■ 1.8198, 2.4492,
0.0000

■ 0.5296, 0.8510,
0.0000

■ 83.3524, 94.1372,
58.0331

■ 83.3524, 94.1372,
58.0331

■ 80.7143, 93.0555,
45.4723

■ 86.4687, 95.4168,
73.0858

■ 78.5219, 92.1490,
35.2635

■ 90.0795, 96.8910,
90.7484

■ 76.7495, 91.4105,
27.2619

■ 93.7381, 98.3845,
108.6573

■ 75.3663, 90.8279,
21.3046

■ 93.9991, 98.5191,
108.6695

■ 74.3370, 90.3869, 94.2610, 98.6541,
17.2059 108.6818

■ 73.6201, 90.0710, 94.4173, 98.7347,
14.7469 108.6891

■ 73.1587, 89.8575,
13.6290

■ 73.0834, 89.8217,
13.4854

Harmonies

Analogous

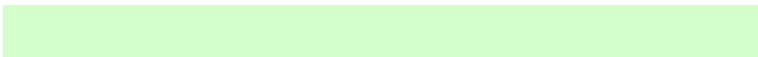
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3747, 94.1372, 56.7701



83.3524, 94.1372, 58.0331



75.5647, 94.1372, 69.7563

Triad

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



83.3524, 94.1372, 58.0331



77.1603, 94.1372, 150.6270



110.0740, 94.1372, 113.9097

Complementary

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



83.3524, 94.1372, 58.0331



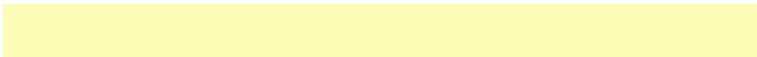
54.2283, 50.7405, 99.8697

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.



104.9946, 94.1372, 144.1569



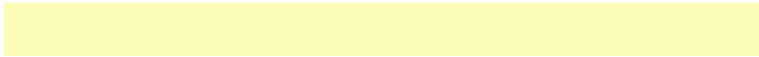
83.3524, 94.1372, 58.0331



85.6846, 94.1372, 167.8827

Square

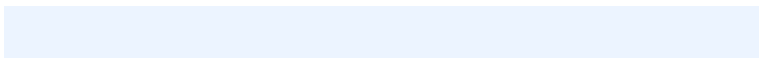
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3524, 94.1372, 58.0331



72.1813, 94.1372, 121.5168



95.8894, 94.1372, 165.3128



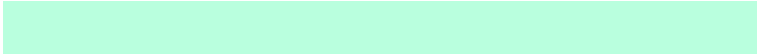
109.3304, 94.1372, 85.5774

Rectangle

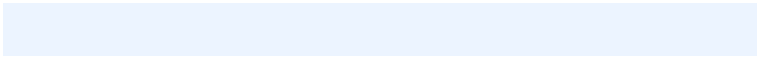
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3524, 94.1372, 58.0331



72.4503, 94.1372, 83.4319



95.8894, 94.1372, 165.3128



108.9763, 94.1372, 124.2709

Sweetspot

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



83.3548, 94.1414, 58.0351



91.7259, 98.6459, 92.5007



65.9259, 58.2050, 52.0173



19.5075, 21.0630, 19.1818



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

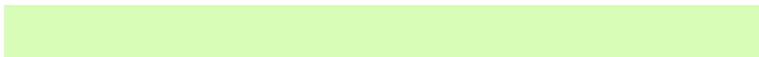
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3548, 94.1414, 58.0351



83.2003, 95.1567, 51.1744



71.9849, 88.2800, 57.5030



19.5075, 21.0630, 19.1818



38.8977, 47.7906, 7.1744



3.8027, 4.6611, 0.6993

Inverse Universe

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



54.2283, 50.7405, 99.8697



48.8482, 43.9660, 100.5195



63.5787, 55.5608, 100.3073



17.0504, 17.4022, 22.7103



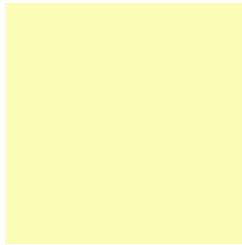
9.4992, 3.8075, 49.6688



0.9409, 0.3789, 4.8368

Previews

White Background



This preview shows how the XYZ color 83.3524, 94.1372, 58.0331 looks on a white background.

Color Contrast Check

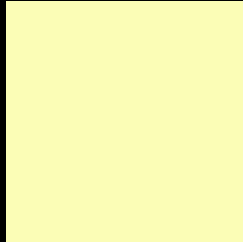
Large Text (above 18pt) WCAG AA × Fail

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 83.3524, 94.1372, 58.0331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

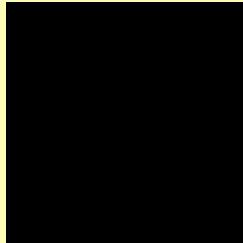
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

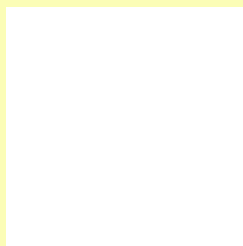
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3524, 94.1372, 58.0331

Background



This preview shows how black text looks on a background with the XYZ color 83.3524, 94.1372, 58.0331.



This preview shows how white text looks on a background with the XYZ color 83.3524, 94.1372,

Color Blindness Simulation

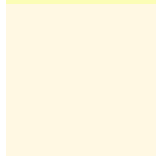
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



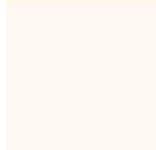
Original Color

83.3524, 94.1372, 58.0331



Protanopia

88.6725, 93.9409, 86.1319



Deuteranopia

90.3779, 94.1324, 96.6250



Tritanopia

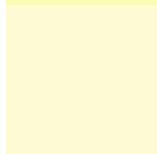
92.2458, 94.3915, 107.9653

Trichromacy



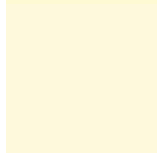
Original Color

83.3524, 94.1372, 58.0331



Protanomaly

86.8165, 94.1452, 75.2241



Deuteranomaly

87.6670, 93.9895, 81.2314



Tritanomaly

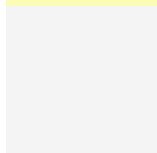
88.7523, 94.4236, 86.9466

Monochromacy



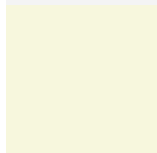
Original Color

83.3524, 94.1372, 58.0331



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.6697, 91.5161, 81.6084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3524, 94.1372, 58.0331 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(251, 253, 182)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 182)  
}
```

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(251, 253, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 182) }
```

Border

The CSS property to change the border of an element to XYZ 83.3524, 94.1372, 58.0331 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(251, 253, 182) }
```


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

```
.border{ border-color:rgb(251, 253, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 182);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3524, 94.1372, 58.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 182) }
```

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

```
.background{ background-color: rgb(251,  
253, 182) }
```

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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