

Converting Colors

XYZ(83.9244, 92.6174, 59.3535)

Have a look what the booklet for
XYZ(83.9244, 92.6174, 59.3535)
contains.

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Color

**XYZ(83.8726, 92.5141,
59.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B9
RGB	255, 249, 185
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0235, 0.2745
CMYK	0.00, 0.02, 0.27, 0.00
HSL	55°, 100%, 86%
HSV	55°, 27%, 100%
XYZ	83.8726, 92.5141, 59.3354
YIQ	243.4980, 24.1200, -18.6320

Conversions

Conversions Part 2

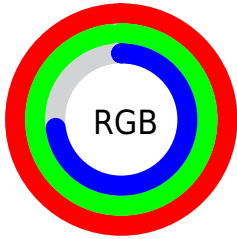
Format	Color
R_{YB}	192, 255, 185
Decimal	16775609
CIE _{Lab}	97.03, -7.62, 31.52
CIE _{LCh}	97, 32.426, 103.583
Yxy	92.5141, 0.3558, 0.3925
Android (android.graphics.Color)	4294965689 (0xFFFFF9B9)
YUV	243.4980, -28.8395, 10.0873
Hunter-Lab	96.1843, -12.6706, 30.7534

Details

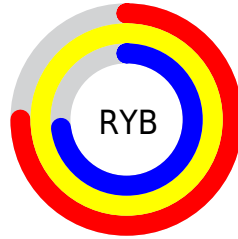
The XYZ color **83.8726, 92.5141, 59.3354** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.6880, 54.7944, 102.1963**, and the grayscale version is **85.7994, 90.2677, 98.3015**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **46.4554, 51.7844, 29.0197** is the 20% darker color. If you saturate the color by 10%, you get **80.7484, 90.1940, 46.1832**, and if you desaturate by 10%, it is **87.4921, 95.0513, 75.0368**.

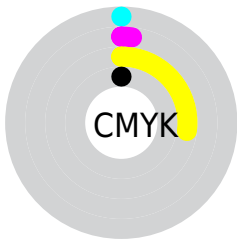
Distribution



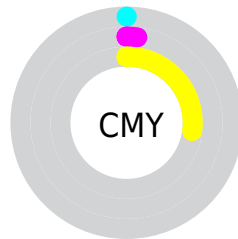
- Red (100%)
- Green (98%)
- Blue (73%)



- Red (75%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8726, 92.5141, 59.3354 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 83.8726, 92.5141, 59.3354 by changing the saturation by 10% instead.


 83.8726, 92.5141,
59.3354

 83.8726, 92.5141,
59.3354


496.4301,
536.1756, 439.8802

 63.2296, 70.0677,
42.4614


 137.7191,
150.8257, 105.3989

 46.2863, 51.5817,
29.1345


171.6534,
187.4597, 135.4254

 32.6774, 36.6718,
18.9361


210.7488,
229.5918, 170.6733

 22.0375, 24.9535,
11.4478

255.3706,
277.6062, 211.5609

 14.0012, 16.0424,
6.2509

305.8844,
331.8874, 258.5068

 8.2032, 9.5542,
2.9270

362.6553,

 4.2781, 5.1044,

392.8197, 311.9297

1.0575

426.0487,
460.7877, 372.2479

■ 1.8607, 2.3086,
0.0000

■ 0.5538, 0.7783,
0.0000

■ 83.8726, 92.5141,
59.3354

■ 83.8726, 92.5141,
59.3354

■ 80.7484, 90.1940,
46.1832

■ 87.4921, 95.0513,
75.0368

■ 78.0867, 88.0682,
35.4384

■ 91.6239, 97.8028,
93.4074

■ 75.8616, 86.1295,
26.9543

95.0500, 100.0000,
108.9000

■ 74.0418, 84.3654,
20.5658

■ 72.5916, 82.7615,
16.0855

■ 71.4691, 81.3009,
13.2925

■ 70.6194, 79.9619,
11.8989

■ 70.4258, 79.6316,
11.6586

Harmonies

Analogous

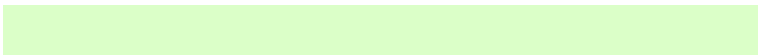
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9878, 92.5141, 59.7887



83.8726, 92.5141, 59.3354



76.3749, 92.5141, 68.5229

Triad

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



83.8726, 92.5141, 59.3354



75.8174, 92.5141, 139.5252



105.8711, 92.5141, 115.6216

Complementary

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



83.8726, 92.5141, 59.3354



56.6880, 54.7944, 102.1963

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.



100.5996, 92.5141, 141.7212



83.8726, 92.5141, 59.3354



83.0627, 92.5141, 157.0715

Square

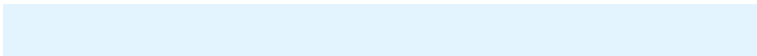
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.8726, 92.5141, 59.3354



71.9463, 92.5141, 113.0087



92.1201, 92.5141, 157.9385



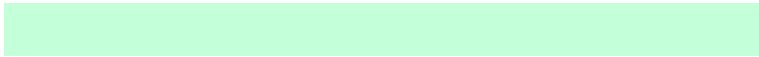
106.1256, 92.5141, 89.3785

Rectangle

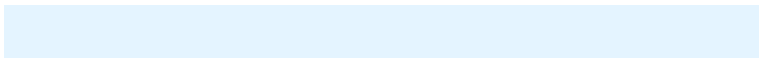
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8726, 92.5141, 59.3354



73.1268, 92.5141, 79.9770



92.1201, 92.5141, 157.9385



104.6114, 92.5141, 124.7991

Sweetspot

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



83.8749, 92.5182, 59.3373



91.3829, 97.6456, 92.3257



68.1041, 59.7648, 57.8167



19.4204, 20.8089, 19.1373



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

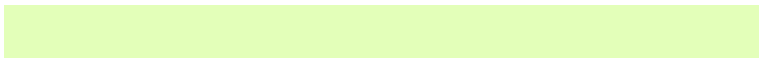
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8749, 92.5182, 59.3373



82.0807, 91.2031, 51.7310



76.1960, 91.3539, 59.5173



19.4204, 20.8089, 19.1373



36.8543, 41.7198, 6.1103



3.6259, 4.1372, 0.6075

Inverse Universe

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



56.6880, 54.7944, 102.1963



50.7433, 47.7239, 101.1449



62.8404, 56.0652, 102.1174



17.1280, 17.6276, 22.7497



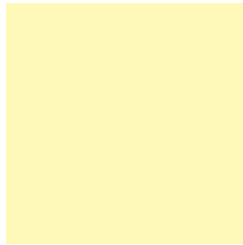
9.6224, 4.1544, 49.7293



0.9776, 0.4858, 4.8555

Previews

White Background



This preview shows how the XYZ color 83.8726, 92.5141, 59.3354 looks on a white background.

Color Contrast Check

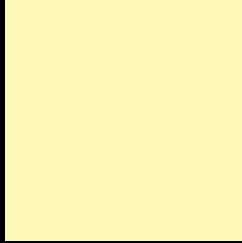
Large Text (above 18pt) WCAG AA × Fail

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 83.8726, 92.5141, 59.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

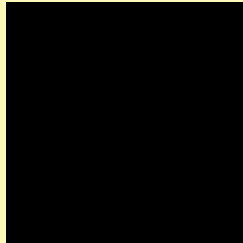
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.8726, 92.5141, 59.3354

Background



This preview shows how black text looks on a background with the XYZ color 83.8726, 92.5141, 59.3354.



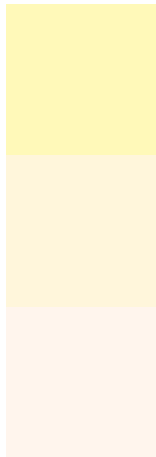
This preview shows how white text looks on a background with the XYZ color 83.8726, 92.5141,

59.3354.

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

83.8726, 92.5141, 59.3354

Protanopia

86.9820, 92.2860, 80.2464

Deuteranopia

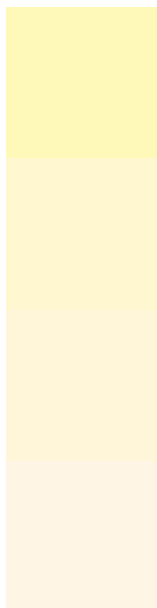
89.1785, 92.6792, 93.3094



Tritanopia

90.8613, 92.3895, 105.1395

Trichromacy



Original Color

83.8726, 92.5141, 59.3354

Protanomaly

85.7632, 92.2865, 72.3244

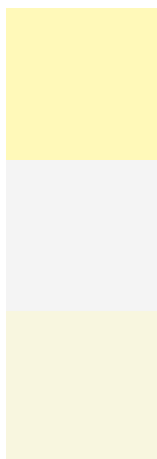
Deuteranomaly

86.8507, 92.2335, 79.5550

Tritanomaly

87.8960, 92.1663, 86.5560

Monochromacy



Original Color

83.8726, 92.5141, 59.3354

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.9864, 91.1957, 82.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8726, 92.5141, 59.3354 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(255, 249, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 185)  
}
```

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(255, 249, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 185) }
```

Border

The CSS property to change the border of an element to XYZ 83.8726, 92.5141, 59.3354 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(255, 249, 185) }
```


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

```
.border{ border-color:rgb(255, 249, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8726, 92.5141, 59.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 185) }
```

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

```
.background{ background-color: rgb(255,  
249, 185) }
```

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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