

Converting Colors

XYZ(97.7130, 100.0000,
60.0107)

Have a look what the booklet for
XYZ(97.7130, 100.0000, 60.0107)
contains.

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Color

**XYZ(84.1826, 93.1340,
59.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB9
RGB	255, 250, 185
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0196, 0.2745
CMYK	0.00, 0.02, 0.27, 0.00
HSL	56°, 100%, 86%
HSV	56°, 27%, 100%
XYZ	84.1826, 93.1340, 59.4387
YIQ	244.0850, 23.8450, -19.1550

Conversions

Conversions Part 2

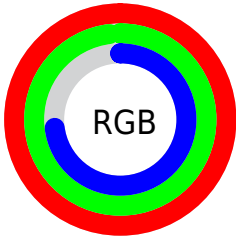
Format	Color
R_{YB}	190, 255, 185
Decimal	16775865
CIE _{Lab}	97.28, -8.11, 31.86
CIE _{LCh}	97, 32.874, 104.284
Yxy	93.1340, 0.3556, 0.3934
Android (android.graphics.Color)	4294965945 (0xFFFFFAB9)
YUV	244.0850, -29.1289, 9.5725
Hunter-Lab	96.5060, -13.1790, 31.0370

Details

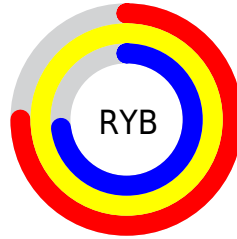
The XYZ color **84.1826, 93.1340, 59.4387** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.4707, 54.3597, 102.1239**, and the grayscale version is **86.2715, 90.7643, 98.8424**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **46.6772, 52.2280, 29.0936** is the 20% darker color. If you saturate the color by 10%, you get **81.1667, 91.0307, 46.3226**, and if you desaturate by 10%, it is **87.6912, 95.4495, 75.1032**.

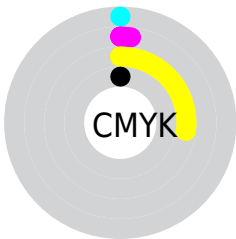
Distribution



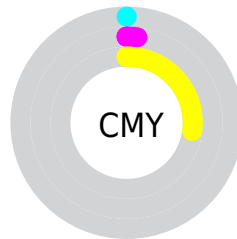
- Red (100%)
- Green (98%)
- Blue (73%)



- 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 84.1826, 93.1340, 59.4387 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 84.1826, 93.1340, 59.4387 by changing the saturation by 10% instead.


 84.1826, 93.1340,
59.4387

 84.1826, 93.1340,
59.4387


497.4439,
538.1738, 440.2728

 63.4864, 70.5829,
42.5440

 138.1505,
151.6841, 105.5504

 46.4950, 52.0019,
29.1988


172.1530,
188.4519, 135.6045

 32.8428, 37.0066,
18.9844


211.3215,
230.7274, 170.8822

 22.1647, 25.2126,
11.4823

256.0216,
278.8949, 211.8019

 14.0953, 16.2355,
6.2740

306.6185,
333.3389, 258.7823

 8.2691, 9.6910,
2.9409

363.4777,

 4.3209, 5.1945,

394.4438, 312.2419

1.0645

426.9643,
462.5940, 372.5992

■ 1.8852, 2.3619,
0.0000

■ 0.5682, 0.8062,
0.0000

■ 84.1826, 93.1340,
59.4387

■ 84.1826, 93.1340,
59.4387

■ 81.1667, 91.0307,
46.3226

■ 87.6912, 95.4495,
75.1032

■ 78.6111, 89.1170,
35.6132

■ 91.7098, 97.9746,
93.4360

■ 76.4897, 87.3857,
27.1636

95.0500, 100.0000,
108.9000

■ 74.7712, 85.8242,
20.8089

■ 73.4200, 84.4182,
16.3616

■ 72.3941, 83.1510,
13.6008

■ 71.6388, 82.0005,
12.2386

■ 71.4688, 81.7176,
12.0063

Harmonies

Analogous

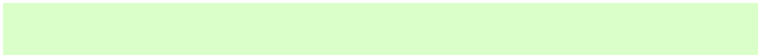
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4529, 93.1340, 59.6710



84.1826, 93.1340, 59.4387



76.6150, 93.1340, 68.9894

Triad

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



84.1826, 93.1340, 59.4387



76.3284, 93.1340, 141.5257



106.8716, 93.1340, 115.9191

Complementary

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



84.1826, 93.1340, 59.4387



56.4707, 54.3597, 102.1239

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.



101.6008, 93.1340, 142.6589



84.1826, 93.1340, 59.4387



83.7658, 93.1340, 159.1158

Square

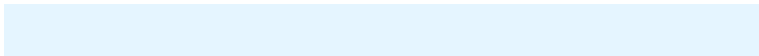
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1826, 93.1340, 59.4387



72.3003, 93.1340, 114.5728



93.0061, 93.1340, 159.5636



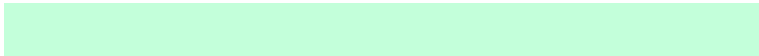
107.0028, 93.1340, 89.2907

Rectangle

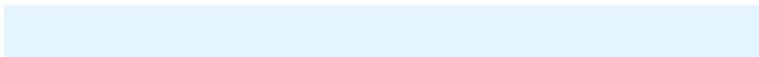
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1826, 93.1340, 59.4387



73.3699, 93.1340, 80.7717



93.0061, 93.1340, 159.5636



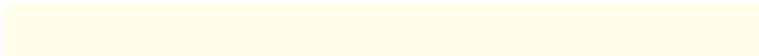
105.6265, 93.1340, 125.2879

Sweetspot

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



84.1848, 93.1381, 59.4407



91.4751, 97.8300, 92.3564



67.9753, 59.7132, 57.1384



19.4438, 20.8557, 19.1451



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

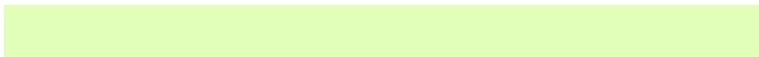
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1848, 93.1381, 59.4407



82.4511, 91.9440, 51.8545



75.8293, 91.1649, 59.5002



19.4438, 20.8557, 19.1451



37.3910, 42.7932, 6.2892



3.6725, 4.2304, 0.6230

Inverse Universe

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



56.4707, 54.3597, 102.1239



50.5051, 47.2474, 101.0655



63.1801, 56.2403, 102.1333



17.1071, 17.5857, 22.7427



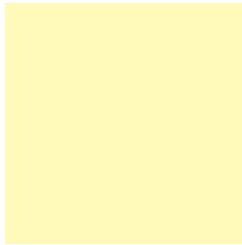
9.5838, 4.0772, 49.7164



0.9677, 0.4661, 4.8522

Previews

White Background



This preview shows how the XYZ color 84.1826, 93.1340, 59.4387 looks on a white background.

Color Contrast Check

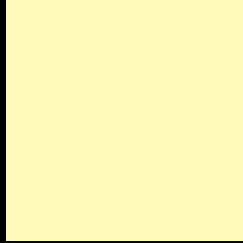
Large Text (above 18pt) WCAG AA × Fail

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 84.1826, 93.1340, 59.4387 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 84.1826, 93.1340, 59.4387

Background



This preview shows how black text looks on a background with the XYZ color 84.1826, 93.1340, 59.4387.

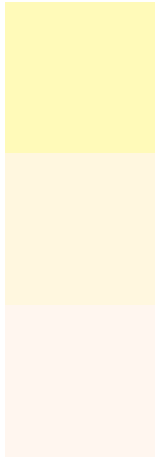


This preview shows how white text looks on a background with the XYZ color 84.1826, 93.1340,

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

84.1826, 93.1340, 59.4387

Protanopia

87.8200, 93.1092, 83.1553

Deuteranopia

89.7758, 93.4035, 94.9583



Tritanopia

91.3203, 93.0532, 106.0765

Trichromacy



Original Color

84.1826, 93.1340, 59.4387



Protanomaly

86.3160, 92.9983, 73.7227



Deuteranomaly

87.2869, 92.8960, 80.3480



Tritanomaly

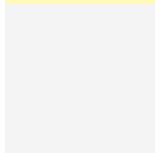
88.1994, 92.7730, 86.6572

Monochromacy



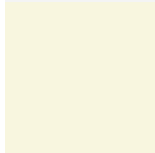
Original Color

84.1826, 93.1340, 59.4387



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 84.1826, 93.1340, 59.4387 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, 250, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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, 250, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 185) }
```

Border

The CSS property to change the border of an element to XYZ 84.1826, 93.1340, 59.4387 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, 250, 185) }
```


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

```
.border{ border-color:rgb(255, 250, 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, 250, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1826, 93.1340, 59.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 185) }
```

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

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