

Converting Colors

XYZ(84.1294, 93.2787, 58.6470)

Have a look what the booklet for
XYZ(84.1294, 93.2787, 58.6470)
contains.

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Color

**XYZ(84.0773, 93.0919,
58.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB8
RGB	255, 250, 184
RGB Percent	100%, 98%, 72%
CMY	0.0000, 0.0196, 0.2784
CMYK	0.00, 0.02, 0.28, 0.00
HSL	56°, 100%, 86%
HSV	56°, 28%, 100%
XYZ	84.0773, 93.0919, 58.8846
YIQ	243.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

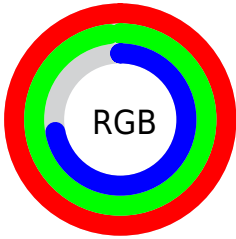
Format	Color
R_{YB}	189, 255, 184
Decimal	16775864
CIE _{Lab}	97.26, -8.24, 32.34
CIE _{LCh}	97, 33.371, 104.291
Yxy	93.0919, 0.3562, 0.3944
Android (android.graphics.Color)	4294965944 (0xFFFFFAB8)
YUV	243.9710, -29.5657, 9.6724
Hunter-Lab	96.4841, -13.3005, 31.3540

Details

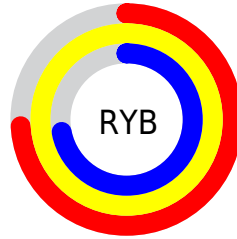
The XYZ color **84.0773, 93.0919, 58.8846** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.0144, 53.8040, 102.0407**, and the grayscale version is **86.1834, 90.6717, 98.7414**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **46.6098, 52.2010, 28.7383** is the 20% darker color. If you saturate the color by 10%, you get **81.0878, 91.0118, 45.8682**, and if you desaturate by 10%, it is **87.5586, 95.3836, 74.4443**.

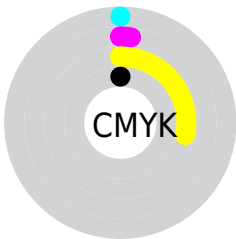
Distribution



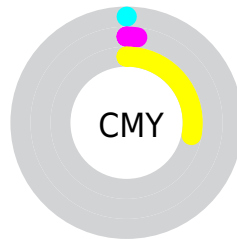
- Red (100%)
- Green (98%)
- Blue (72%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0773, 93.0919, 58.8846 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 84.0773, 93.0919, 58.8846 by changing the saturation by 10% instead.


 84.0773, 93.0919,
58.8846

 84.0773, 93.0919,
58.8846


497.0997,
538.0382, 438.1641

 63.3992, 70.5479,
42.1008


 138.0040,
151.6258, 104.7374

 46.4241, 51.9733,
28.8541


171.9833,
188.3846, 134.6435

 32.7866, 36.9838,
18.7258


211.1270,
230.6503, 169.7608

 22.1215, 25.1950,
11.2975

255.8006,
278.8075, 210.5078

 14.0633, 16.2224,
6.1507

306.3692,
333.2404, 257.3031

 8.2467, 9.6816,
2.8666

363.1984,

 4.3063, 5.1884,

394.3336, 310.5653

1.0269

426.6534,
462.4714, 370.7127

■ 1.8769, 2.3582,
0.0000

■ 0.5633, 0.8043,
0.0000

■ 84.0773, 93.0919,
58.8846

■ 84.0773, 93.0919,
58.8846

■ 81.0878, 91.0118,
45.8682

■ 87.5586, 95.3836,
74.4443

■ 78.5573, 89.1206,
35.2527

■ 91.5487, 97.8842,
92.6674

■ 76.4597, 87.4109,
26.8910

95.0500, 100.0000,
108.9000

■ 74.7636, 85.8702,
20.6173

■ 73.4330, 84.4842,
16.2429

■ 72.4258, 83.2358,
13.5454

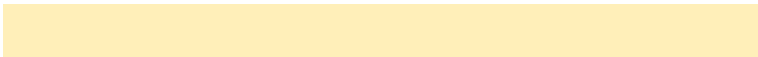
■ 71.6854, 82.1025,
12.2272

■ 71.5430, 81.8661,
12.0310

Harmonies

Analogous

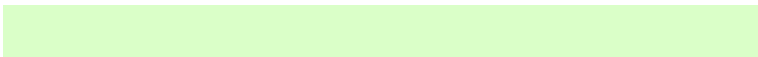
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4849, 93.0919, 59.1165



84.0773, 93.0919, 58.8846



76.4061, 93.0919, 68.5304

Triad

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



84.0773, 93.0919, 58.8846



76.1187, 93.0919, 142.1497



107.1219, 93.0919, 116.0909

Complementary

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



84.0773, 93.0919, 58.8846



56.0144, 53.8040, 102.0407

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.



101.7655, 93.0919, 143.2914



84.0773, 93.0919, 58.8846



83.6590, 93.0919, 160.0635

Square

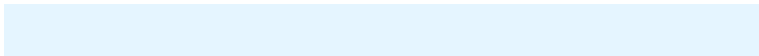
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0773, 93.0919, 58.8846



72.0375, 93.0919, 114.7372



93.0360, 93.0919, 160.5150



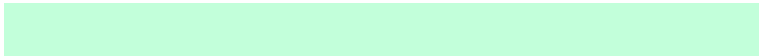
107.2539, 93.0919, 89.0675

Rectangle

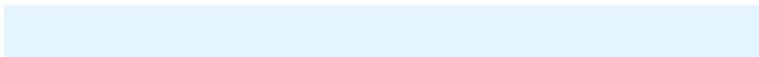
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0773, 93.0919, 58.8846



73.1193, 93.0919, 80.4496



93.0360, 93.0919, 160.5150



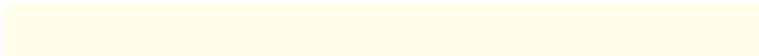
105.8565, 93.0919, 125.6148

Sweetspot

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



84.0796, 93.0961, 58.8866



91.4816, 97.8430, 92.3586



67.6664, 59.2561, 56.5399



19.4454, 20.8590, 19.1456



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

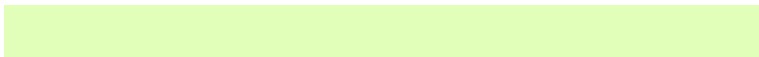
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0796, 93.0961, 58.8866



82.4773, 91.9963, 51.8632



75.5937, 91.0556, 58.9400



19.4454, 20.8590, 19.1456



37.4292, 42.8696, 6.3019



3.6758, 4.2370, 0.6241

Inverse Universe

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



56.0144, 53.8040, 102.0407



50.4884, 47.2140, 101.0599



62.8015, 55.7357, 102.0558



17.1056, 17.5828, 22.7422



9.5813, 4.0721, 49.7156



0.9670, 0.4647, 4.8520

Previews

White Background



This preview shows how the XYZ color 84.0773, 93.0919, 58.8846 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 84.0773, 93.0919, 58.8846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

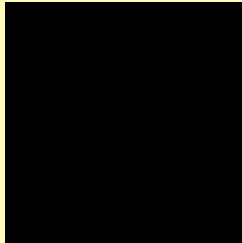
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0773, 93.0919, 58.8846

Background



This preview shows how black text looks on a background with the XYZ color 84.0773, 93.0919, 58.8846.

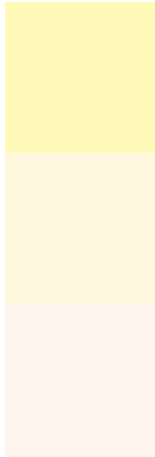


This preview shows how white text looks on a background with the XYZ color 84.0773, 93.0919,

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

84.0773, 93.0919, 58.8846

Protanopia

87.6856, 93.0555, 82.4472

Deuteranopia

89.3250, 92.7379, 94.0812



Tritanopia

91.3203, 93.0532, 106.0765

Trichromacy



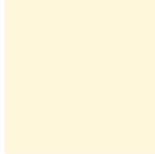
Original Color

84.0773, 93.0919, 58.8846



Protanomaly

86.1926, 92.9489, 73.0726



Deuteranomaly

87.1557, 92.8435, 79.6567



Tritanomaly

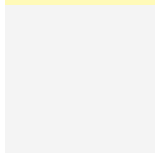
88.1994, 92.7730, 86.6572

Monochromacy



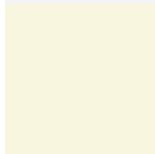
Original Color

84.0773, 93.0919, 58.8846



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.8520, 91.1419, 82.2272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0773, 93.0919, 58.8846 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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(255, 250, 184) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.0773, 93.0919, 58.8846 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, 184) }
```


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

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

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, 184)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 84.0773, 93.0919, 58.8846 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, 184) }
```

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

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