

Converting Colors

XYZ(103.6574, 101.6281,
86.1124)

Have a look what the booklet for
XYZ(103.6574, 101.6281, 86.1124)
contains.

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Color

**XYZ(88.5349, 93.8858,
85.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E2
RGB	255, 248, 226
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0274, 0.1137
CMYK	0.00, 0.03, 0.11, 0.00
HSL	46°, 100%, 94%
HSV	46°, 11%, 100%
XYZ	88.5349, 93.8858, 85.4070
YIQ	247.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

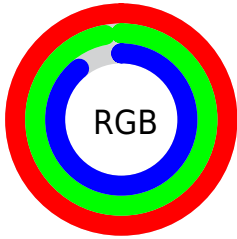
Format	Color
R _Y B	235, 255, 226
Decimal	16775394
CIE Lab	97.59, -1.28, 11.39
CIE LCh	98, 11.462, 96.437
Yxy	93.8858, 0.3306, 0.3505
Android (android.graphics.Color)	4294965474 (0xFFFFF8E2)
YUV	247.5850, -10.6414, 6.5030
Hunter-Lab	96.8947, -6.4661, 15.5656

Details

The XYZ color 88.5349, 93.8858, 85.4070 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 78.5523, 81.6644, 106.2304, and the grayscale version is 88.9639, 93.5970, 101.9271.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4890, 52.6453, 46.0813 is the 20% darker color. If you saturate the color by 10%, you get 83.4334, 88.8723, 67.7083, and if you desaturate by 10%, it is 94.2233, 99.2396, 105.8712.

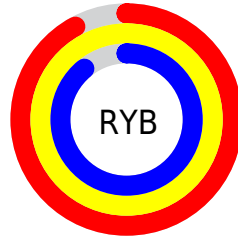
Distribution



Red (100%)

Green (97%)

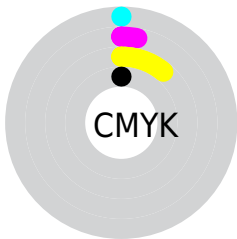
Blue (89%)



Red (92%)

Yellow (100%)

Blue (89%)

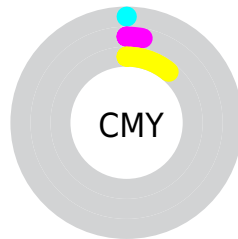


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5349, 93.8858, 85.4070 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 88.5349, 93.8858, 85.4070 by changing the saturation by 10% instead.


 88.5349, 93.8858,
85.4070

 88.5349, 93.8858,
85.4070


511.5625,
540.5918, 533.1535

 67.0984, 71.2080,
63.6256


144.1903,
152.7244, 142.8209

 49.4356, 52.5119,
45.9033


179.1400,
189.6540, 179.2905

 35.1811, 37.4133,
31.8214


219.3248,
232.1029, 221.4933

 23.9696, 25.5276,
20.9614

265.1100,
280.4556, 269.8477

 15.4357, 16.4706,
12.9048

316.8610,
335.0964, 324.7725

 9.2140, 9.8578,
7.2331

374.9432,

 4.9393, 5.3048,

396.4098, 386.6860

3.5277

439.7219,
464.7801, 456.0068

■ 2.2461, 2.4272,
1.3700

■ 0.7668, 0.8398,
0.1181

■ 88.5349, 93.8858,
85.4070

■ 88.5349, 93.8858,
85.4070

■ 83.4334, 88.8723,
67.7083

■ 94.2233, 99.2396,
105.8712

■ 78.8889, 84.1769,
52.6483

■ 95.0500, 100.0000,
108.9000

■ 74.8784, 79.7927,
40.0993

■ 71.3744, 75.7077,
29.9206

■ 68.3472, 71.9089,
21.9574

■ 65.7631, 68.3820,
16.0366

■ 63.5839, 65.1106,
11.9591

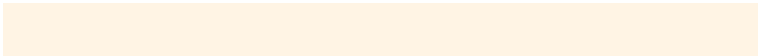
■ 61.7635, 62.0752,
9.4856

■ 60.4204, 59.6209,
8.3235

Harmonies

Analogous

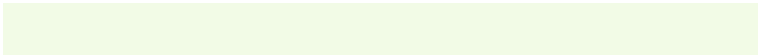
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7646, 93.8858, 86.6401



88.5349, 93.8858, 85.4070



85.5648, 93.8858, 88.4547

Triad

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



88.5349, 93.8858, 85.4070



84.2879, 93.8858, 113.2610



95.1045, 93.8858, 109.5702

Complementary

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



88.5349, 93.8858, 85.4070



78.5523, 81.6644, 106.2304

Split Complementary

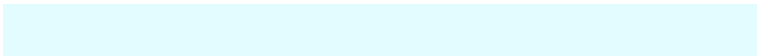
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0100, 93.8858, 117.3565



88.5349, 93.8858, 85.4070



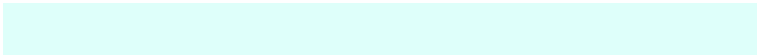
86.7536, 93.8858, 119.5765

Square

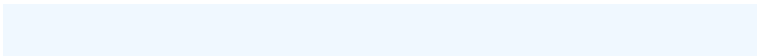
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5349, 93.8858, 85.4070



83.1516, 93.8858, 104.2510



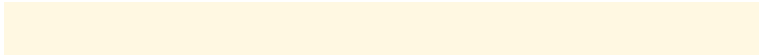
89.9401, 93.8858, 121.1190



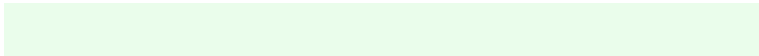
95.6094, 93.8858, 100.2267

Rectangle

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



88.5349, 93.8858, 85.4070



84.1145, 93.8858, 92.6200



89.9401, 93.8858, 121.1190



94.5605, 93.8858, 112.4735

Sweetspot

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



88.5370, 93.8897, 85.4090



93.2568, 98.3455, 102.3465



83.1808, 81.5513, 88.6361



19.8602, 20.9564, 21.5408



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.



88.5370, 93.8897, 85.4090



87.1402, 92.5392, 80.4942



88.1107, 96.9220, 86.0167



19.1682, 20.3046, 19.0532



31.6932, 31.3976, 4.3899



3.1705, 3.2263, 0.4556

Inverse Universe

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



78.5523, 81.6644, 106.2304



75.0725, 77.7640, 105.6610



78.9333, 78.9797, 105.6921



17.3587, 18.0890, 22.8266



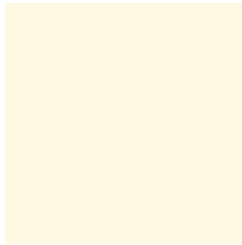
10.4134, 5.7364, 49.9930



1.0945, 0.7197, 4.8945

Previews

White Background



This preview shows how the XYZ color 88.5349, 93.8858, 85.4070 looks on a white background.

Color Contrast Check

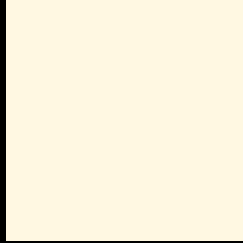
Large Text (above 18pt) WCAG AA × Fail

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 88.5349, 93.8858, 85.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

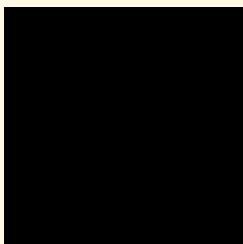
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5349, 93.8858, 85.4070

Background



This preview shows how black text looks on a background with the XYZ color 88.5349, 93.8858, 85.4070.



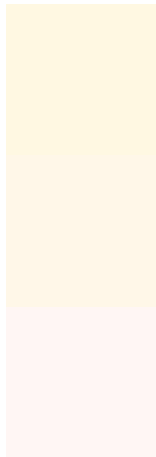
This preview shows how white text looks on a background with the XYZ color 88.5349, 93.8858,

85.470.

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

88.5349, 93.8858, 85.4070

Protanopia

89.0663, 93.6077, 89.7177

Deuteranopia

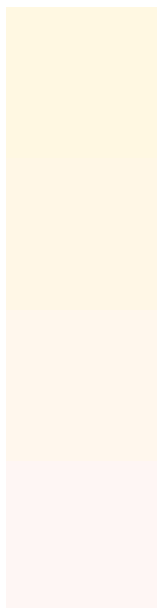
90.5249, 93.7032, 98.9033



Tritanopia

91.5755, 93.5956, 107.8470

Trichromacy



Original Color

88.5349, 93.8858, 85.4070

Protanomaly

88.7837, 93.4947, 88.2298

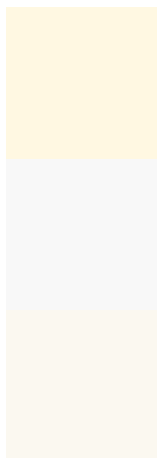
Deuteranomaly

89.7868, 93.8960, 93.5122

Tritanomaly

90.1580, 93.5140, 98.8861

Monochromacy



Original Color

88.5349, 93.8858, 85.4070

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0792, 93.9353, 95.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5349, 93.8858, 85.4070 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, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 226)  
}
```

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, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 226) }
```

Border

The CSS property to change the border of an element to XYZ 88.5349, 93.8858, 85.4070 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, 248, 226) }
```


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

```
.border{ border-color:rgb(255, 248, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5349, 93.8858, 85.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 226) }
```

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

```
.background{ background-color: rgb(255,  
248, 226) }
```

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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