

Converting Colors

XYZ(88.7923, 94.9412, 85.6027)

Have a look what the booklet for
XYZ(88.7923, 94.9412, 85.6027)
contains.

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Color

**XYZ(88.7861, 94.9330,
85.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFAE2
RGB	254, 250, 226
RGB Percent	100%, 98%, 89%
CMY	0.0039, 0.0196, 0.1137
CMYK	0.00, 0.02, 0.11, 0.00
HSL	51°, 93%, 94%
HSV	51°, 11%, 100%
XYZ	88.7861, 94.9330, 85.5959
YIQ	248.4600, 10.0880, -6.6160

Conversions

Conversions Part 2

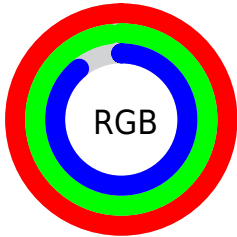
Format	Color
R _Y B	231, 254, 226
Decimal	16710370
CIE Lab	98.01, -2.64, 11.98
CIE LCh	98, 12.266, 102.415
Yxy	94.9330, 0.3297, 0.3525
Android (android.graphics.Color)	4294900450 (0xFFFEFAE2)
YUV	248.4600, -11.0728, 4.8586
Hunter-Lab	97.4336, -7.8511, 16.1169

Details

The XYZ color **88.7861, 94.9330, 85.5959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5501, 79.9167, 105.1049**, and the grayscale version is **89.6838, 94.3544, 102.7519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6684, 53.3942, 46.2164** is the 20% darker color. If you saturate the color by 10%, you get **84.4414, 91.4136, 68.2071**, and if you desaturate by 10%, it is **93.6740, 98.7106, 105.7153**.

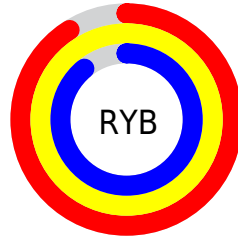
Distribution



Red (100%)

Green (98%)

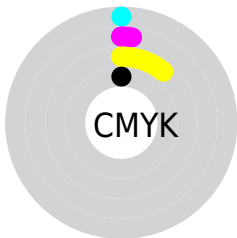
Blue (89%)



Red (91%)

Yellow (100%)

Blue (89%)

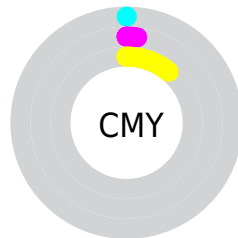


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7861, 94.9330, 85.5959 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 88.7861, 94.9330, 85.5959 by changing the saturation by 10% instead.

88.7861, 94.9330,
85.5959

88.7861, 94.9330,
85.5959

512.3711,
543.9505, 533.7937

67.3072, 72.0792,
63.7809

144.5380,
154.1720, 143.0870

49.6060, 53.2234,
46.0282

179.5418,
191.3261, 179.6001

35.3169, 37.9811,
31.9192

219.7846,
234.0157, 221.8498

24.0748, 25.9680,
21.0355

265.6317,
282.6252, 270.2544

15.5141, 16.7997,
12.9585

317.4486,
337.5390, 325.2326

9.2697, 10.0918,
7.2696

375.6005,

4.9760, 5.4599,

399.1416, 387.2028

3.5503

440.4529,
467.8173, 456.5837

■ 2.2678, 2.5195,
1.3820

■ 0.7781, 0.8864,
0.1276

■ 88.7861, 94.9330,
85.5959

■ 88.7861, 94.9330,
85.5959

■ 84.4414, 91.4136,
68.2071

■ 93.6740, 98.7106,
105.7153

■ 80.6094, 88.1306,
53.4237

94.6834, 99.8110,
108.8828

■ 77.2683, 85.0782,
41.1197

■ 74.3915, 82.2456,
31.1563

■ 71.9502, 79.6210,
23.3809

■ 69.9116, 77.1912,
17.6230

■ 68.2385, 74.9410,
13.6866

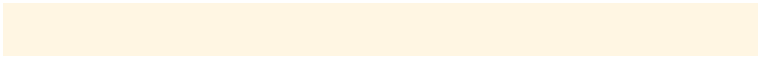
■ 66.8862, 72.8524,
11.3368

■ 65.8828, 71.0898,
10.2493

Harmonies

Analogous

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



92.2877, 94.9330, 85.9949



88.7861, 94.9330, 85.5959



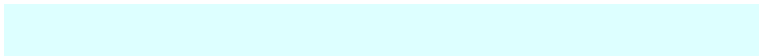
85.7499, 94.9330, 89.7277

Triad

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



88.7861, 94.9330, 85.5959



85.3340, 94.9330, 116.9750



96.8265, 94.9330, 109.3231

Complementary

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



88.7861, 94.9330, 85.5959



77.5501, 79.9167, 105.1049

Split Complementary

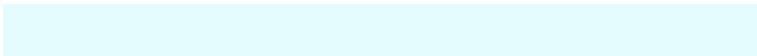
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8655, 94.9330, 118.3205



88.7861, 94.9330, 85.5959



88.2050, 94.9330, 122.9315

Square

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



88.7861, 94.9330, 85.5959



83.7918, 94.9330, 107.5822



91.6914, 94.9330, 123.4393



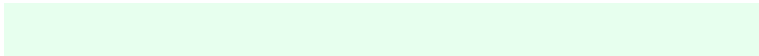
96.9919, 94.9330, 99.2612

Rectangle

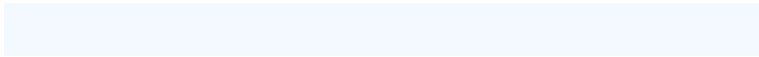
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7861, 94.9330, 85.5959



84.3738, 94.9330, 94.6617



91.6914, 94.9330, 123.4393



96.3531, 94.9330, 112.5880

Sweetspot

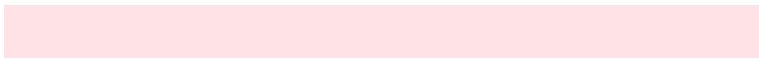
The Sweet Spot groups the original color and five complimentary colors.



88.7887, 94.9372, 85.5979



93.4954, 98.8226, 102.4261



82.3816, 81.1893, 86.3407



19.9248, 21.0856, 21.5623



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.



88.7887, 94.9372, 85.5979



88.6744, 95.0652, 82.6777



86.5480, 95.6445, 85.8526



19.3273, 20.6228, 19.1063



34.8176, 37.6464, 5.4314



3.4480, 3.7813, 0.5481

Inverse Universe

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



77.5501, 79.9167, 105.1049



75.4826, 77.4345, 105.5757



79.6127, 79.3485, 104.8865



17.2120, 17.7957, 22.7777



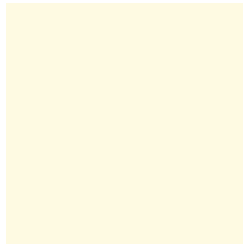
9.8301, 4.5697, 49.7985



1.0170, 0.5648, 4.8687

Previews

White Background



This preview shows how the XYZ color 88.7861, 94.9330, 85.5959 looks on a white background.

Color Contrast Check

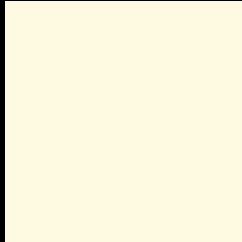
Large Text (above 18pt) WCAG AA × Fail

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 88.7861, 94.9330, 85.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

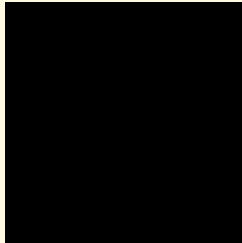
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7861, 94.9330, 85.5959

Background



This preview shows how black text looks on a background with the XYZ color 88.7861, 94.9330, 85.5959.



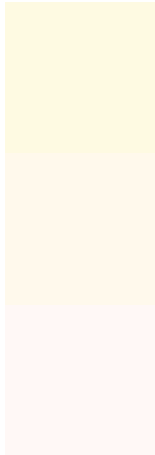
This preview shows how white text looks on a background with the XYZ color 88.7861, 94.9330,

85.5959.

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

88.7861, 94.9330, 85.5959

Protanopia

90.2560, 95.0675, 92.9497

Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

91.8188, 94.6242, 108.0327

Trichromacy



Original Color

88.7861, 94.9330, 85.5959

Protanomaly

89.6812, 94.8376, 89.9227

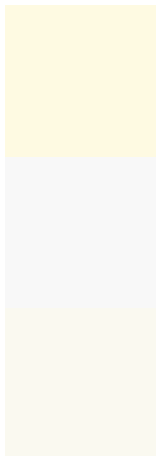
Deuteranomaly

90.6957, 95.2434, 95.2650

Tritanomaly

90.4045, 94.5491, 99.0729

Monochromacy



Original Color

88.7861, 94.9330, 85.5959

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0282, 94.3666, 95.9604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7861, 94.9330, 85.5959 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(254, 250, 226) looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 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(254, 250, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 226) }
```

Border

The CSS property to change the border of an element to XYZ 88.7861, 94.9330, 85.5959 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(254, 250, 226) }
```


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

```
.border{ border-color:rgb(254, 250, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 250, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7861, 94.9330, 85.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 226) }
```

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

```
.background{ background-color: rgb(254,  
250, 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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