

Converting Colors

XYZ(88.6160, 93.5877, 86.8533)

Have a look what the booklet for
XYZ(88.6160, 93.5877, 86.8533)
contains.

XYZ(88.5044, 93.3830, 86.7588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.5044, 93.3830,
86.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E4
RGB	255, 247, 228
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0313, 0.1059
CMYK	0.00, 0.03, 0.11, 0.00
HSL	42°, 100%, 95%
HSV	42°, 11%, 100%
XYZ	88.5044, 93.3830, 86.7588
YIQ	247.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

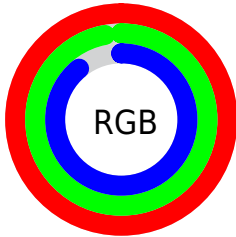
Format	Color
R_{YB}	239, 255, 228
Decimal	16775140
CIE _{Lab}	97.38, -0.47, 10.07
CIE _{LCh}	97, 10.082, 92.646
Yxy	93.3830, 0.3294, 0.3476
Android (android.graphics.Color)	4294965220 (0xFFFFF7E4)
YUV	247.2260, -9.4784, 6.8178
Hunter-Lab	96.6349, -5.6293, 14.4139

Details

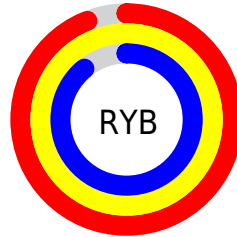
The XYZ color 88.5044, 93.3830, 86.7588 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.0397, 83.7026, 106.5454, and the grayscale version is 88.6624, 93.2797, 101.5816.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4623, 52.2845, 47.0201 is the 20% darker color. If you saturate the color by 10%, you get 82.9604, 87.5485, 68.7152, and if you desaturate by 10%, it is 94.6683, 99.6212, 107.5874.

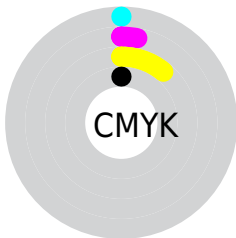
Distribution



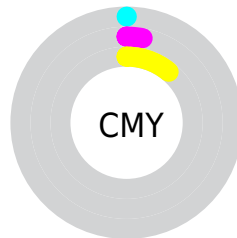
- Red (100%)
- Green (97%)
- Blue (89%)



- Red (94%)
- 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 88.5044, 93.3830, 86.7588 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 88.5044, 93.3830, 86.7588 by changing the saturation by 10% instead.


 88.5044, 93.3830,
86.7588

 88.5044, 93.3830,
86.7588


511.4643,
538.9753, 537.7256

 67.0731, 70.7899,
64.7371


144.1481,
152.0288, 144.7238

 49.4149, 52.1707,
46.7980


179.0912,
188.8502, 181.5042

 35.1646, 37.1412,
32.5228


219.2689,
231.1832, 224.0413

 23.9568, 25.3168,
21.4930

265.0466,
279.4121, 272.7536

 15.4262, 16.3133,
13.2901

316.7897,
333.9214, 328.0596

 9.2073, 9.7461,
7.4955

374.8634,

 4.9348, 5.2309,

395.0954, 390.3779

3.6908

439.6332,
463.3186, 460.1271

■ 2.2434, 2.3834,
1.4573

■ 0.7655, 0.8173,
0.1858

■ 88.5044, 93.3830,
86.7588

■ 88.5044, 93.3830,
86.7588

■ 82.9604, 87.5485,
68.7152

94.6683, 99.6212,
107.5874

■ 78.0061, 82.0946,
53.3304

95.0500, 100.0000,
108.9000

■ 73.6181, 77.0134,
40.4773

■ 69.7688, 72.2919,
30.0158

■ 66.4278, 67.9162,
21.7923

■ 63.5615, 63.8708,
15.6352

■ 61.1313, 60.1386,
11.3475

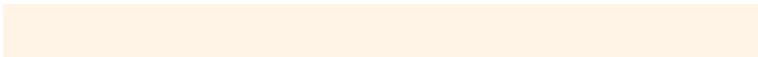
■ 59.0915, 56.6991,
8.6938

■ 57.4601, 53.7003,
7.3367

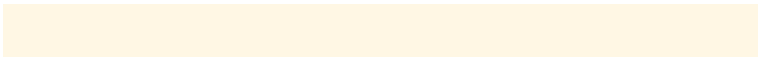
Harmonies

Analogous

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



91.3058, 93.3830, 88.3357



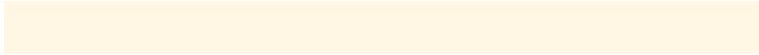
88.5044, 93.3830, 86.7588



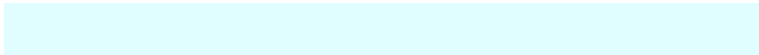
85.8273, 93.3830, 88.9985

Triad

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



88.5044, 93.3830, 86.7588



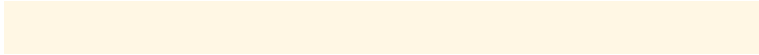
84.2123, 93.3830, 110.4030



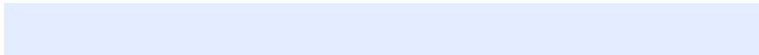
93.7266, 93.3830, 109.0795

Complementary

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



88.5044, 93.3830, 86.7588



80.0397, 83.7026, 106.5454

Split Complementary

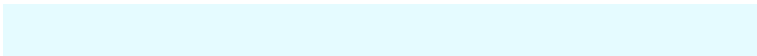
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7541, 93.3830, 115.5084



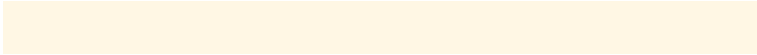
88.5044, 93.3830, 86.7588



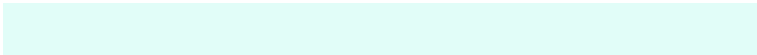
86.2576, 93.3830, 116.3009

Square

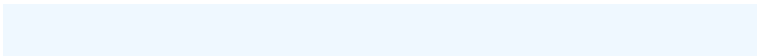
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5044, 93.3830, 86.7588



83.3828, 93.3830, 102.4062



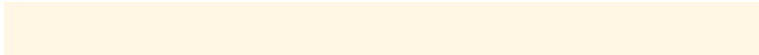
89.0116, 93.3830, 118.2169



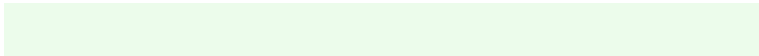
94.3589, 93.3830, 100.9537

Rectangle

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



88.5044, 93.3830, 86.7588



84.4625, 93.3830, 92.4286



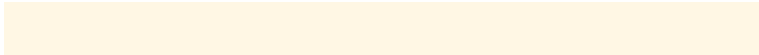
89.0116, 93.3830, 118.2169



93.1962, 93.3830, 111.5252

Sweetspot

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



88.5065, 93.3869, 86.7608



93.1242, 98.0803, 102.3024



84.1389, 82.8098, 90.9833



19.8243, 20.8847, 21.5289



0.0000, 0.0000, 0.0000



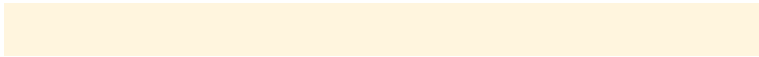
20.3446, 21.4041, 23.3091

Same Dimension

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



88.5065, 93.3869, 86.7608



87.1130, 91.9426, 82.1572



89.0451, 97.3718, 87.5016



19.0804, 20.1290, 19.0240



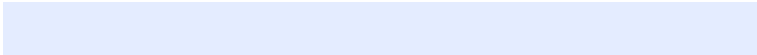
30.1603, 28.3319, 3.8790



3.0317, 2.9488, 0.4094

Inverse Universe

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



80.0397, 83.7026, 106.5454



76.8907, 80.2509, 106.0451



79.5294, 80.0991, 105.8768



17.4413, 18.2542, 22.8541



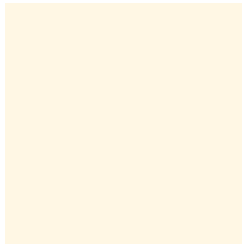
10.8762, 6.6621, 50.1472



1.1491, 0.8289, 4.9127

Previews

White Background



This preview shows how the XYZ color 88.5044, 93.3830, 86.7588 looks on a white background.

Color Contrast Check

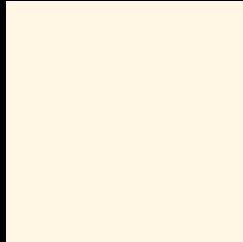
Large Text (above 18pt) WCAG AA × Fail

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 88.5044, 93.3830, 86.7588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

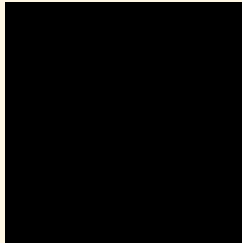
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5044, 93.3830, 86.7588

Background



This preview shows how black text looks on a background with the XYZ color 88.5044, 93.3830, 86.7588.



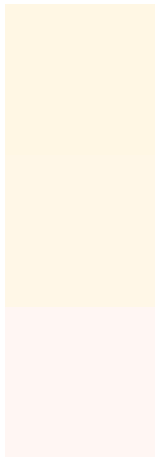
This preview shows how white text looks on a background with the XYZ color 88.5044, 93.3830,

86.7588.

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

88.5044, 93.3830, 86.7588

Protanopia

88.9246, 93.5511, 88.9716

Deuteranopia

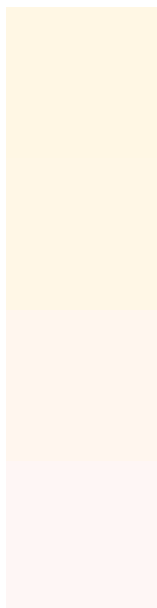
90.3734, 93.6426, 98.1057



Tritanopia

91.5755, 93.5956, 107.8470

Trichromacy



Original Color

88.5044, 93.3830, 86.7588

Protanomaly

88.7837, 93.4947, 88.2298

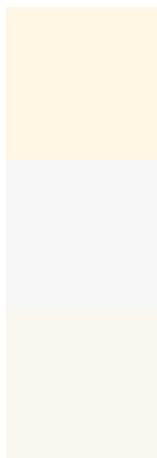
Deuteranomaly

89.6284, 93.3446, 94.1823

Tritanomaly

90.3102, 93.5749, 99.6881

Monochromacy



Original Color

88.5044, 93.3830, 86.7588

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4133, 93.1368, 95.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5044, 93.3830, 86.7588 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, 247, 228) looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 228)  
}
```

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, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 228) }
```

Border

The CSS property to change the border of an element to XYZ 88.5044, 93.3830, 86.7588 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, 247, 228) }
```


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

```
.border{ border-color:rgb(255, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5044, 93.3830, 86.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 228) }
```

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

```
.background{ background-color: rgb(255,  
247, 228) }
```

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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