

Converting Colors

XYZ(88.4960, 93.0286, 87.7992)

Have a look what the booklet for
XYZ(88.4960, 93.0286, 87.7992)
contains.

XYZ(88.4787, 92.8847, 88.1281)	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(88.4787, 92.8847,
88.1281)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E6
RGB	255, 246, 230
RGB Percent	100%, 96%, 90%
CMY	0.0000, 0.0353, 0.0980
CMYK	0.00, 0.04, 0.10, 0.00
HSL	38°, 100%, 95%
HSV	38°, 10%, 100%
XYZ	88.4787, 92.8847, 88.1281
YIQ	246.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

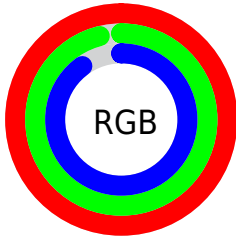
Format	Color
RYB	244, 255, 230
Decimal	16774886
CIELab	97.18, 0.36, 8.75
CIElCh	97, 8.760, 87.657
Yxy	92.8847, 0.3283, 0.3447
Android (android.graphics.Color)	4294964966 (0xFFFFF6E6)
YUV	246.8670, -8.3154, 7.1326
Hunter-Lab	96.3767, -4.7872, 13.2482

Details

The XYZ color 88.4787, 92.8847, 88.1281 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.5489, 85.7737, 106.8656, and the grayscale version is 88.3614, 92.9631, 101.2368.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4400, 51.9278, 47.9747 is the 20% darker color. If you saturate the color by 10%, you get 82.4349, 86.1148, 69.7198, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

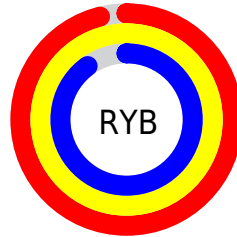
Distribution



Red (100%)

Green (96%)

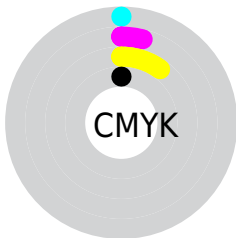
Blue (90%)



Red (96%)

Yellow (100%)

Blue (90%)

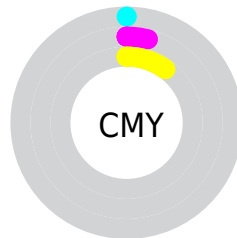


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4787, 92.8847, 88.1281 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 88.4787, 92.8847, 88.1281 by changing the saturation by 10% instead.


 88.4787, 92.8847,
88.1281

 88.4787, 92.8847,
88.1281


511.3816,
537.3707, 542.3348

 67.0517, 70.3757,
65.8642


144.1125,
151.3390, 146.6482

 49.3975, 51.8329,
47.7064


179.0501,
188.0530, 183.7415

 35.1507, 36.8719,
33.2361


219.2219,
230.2708, 226.6150

 23.9461, 25.1083,
22.0348

264.9932,
278.3769, 275.6873

 15.4181, 16.1578,
13.6839

316.7295,
332.7554, 331.3769

 9.2016, 9.6359,
7.7649

374.7961,

 4.9311, 5.1582,

393.7910, 394.1023

3.8593

439.5583,
461.8680, 464.2821

■ 2.2412, 2.3404,
1.5485

■ 0.7643, 0.7950,
0.2536

■ 88.4787, 92.8847,
88.1281

■ 88.4787, 92.8847,
88.1281

■ 82.4349, 86.1148,
69.7198

95.0500, 100.0000,
108.9000

■ 77.0261, 79.8132,
53.9946

■ 72.2282, 73.9702,
40.8256

■ 68.0127, 68.5711,
30.0736

■ 64.3486, 63.6001,
21.5857

■ 61.2017, 59.0400,
15.1917

■ 58.5327, 54.8716,
10.6966

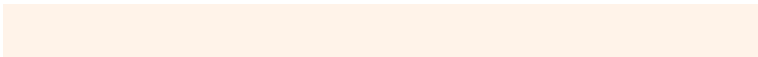
■ 56.2956, 51.0728,
7.8683

■ 54.4176, 47.6109,
6.3361

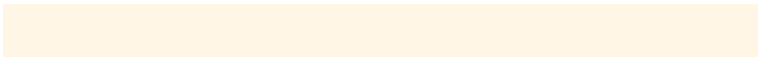
Harmonies

Analogous

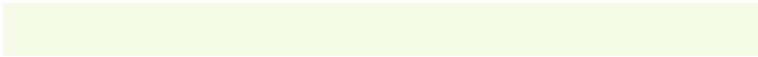
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8529, 92.8847, 90.0594



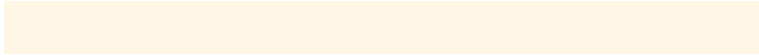
88.4787, 92.8847, 88.1281



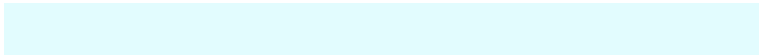
86.0950, 92.8847, 89.5450

Triad

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



88.4787, 92.8847, 88.1281



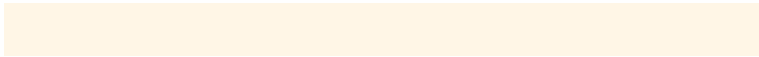
84.1384, 92.8847, 107.5905



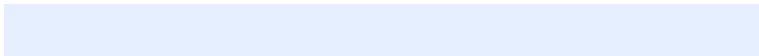
92.3634, 92.8847, 108.5987

Complementary

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



88.4787, 92.8847, 88.1281



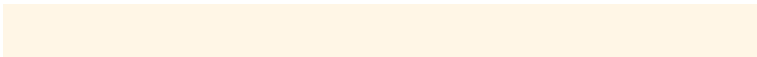
81.5489, 85.7737, 106.8656

Split Complementary

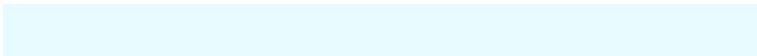
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5101, 92.8847, 113.6857



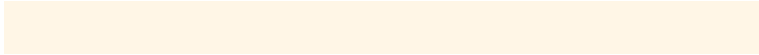
88.4787, 92.8847, 88.1281



85.7642, 92.8847, 113.0848

Square

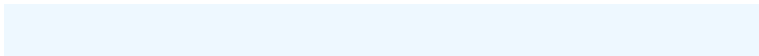
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4787, 92.8847, 88.1281



83.6171, 92.8847, 100.5798



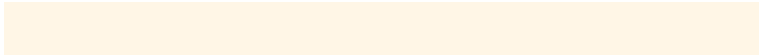
88.0898, 92.8847, 115.3640



93.1217, 92.8847, 101.6935

Rectangle

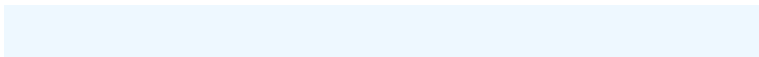
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4787, 92.8847, 88.1281



84.8155, 92.8847, 92.2361



88.0898, 92.8847, 115.3640



91.8461, 92.8847, 110.5900

Sweetspot

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



88.4808, 92.8886, 88.1301



92.9708, 97.7735, 102.2512



85.1421, 84.0965, 93.5362



19.7829, 20.8018, 21.5150



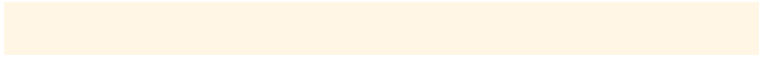
0.0000, 0.0000, 0.0000



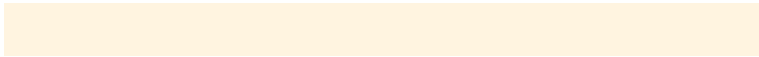
20.3446, 21.4041, 23.3091

Same Dimension

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



88.4808, 92.8886, 88.1301



87.0968, 91.3594, 83.8494



90.0675, 97.8666, 89.0073



18.9793, 19.9269, 18.9903



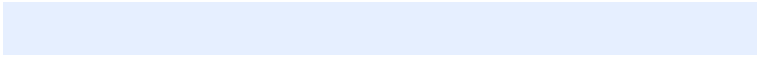
28.5627, 25.1367, 3.3465



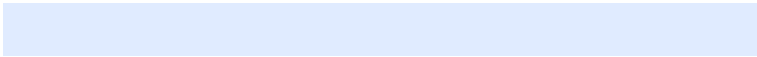
2.8847, 2.6547, 0.3604

Inverse Universe

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



81.5489, 85.7737, 106.8656



78.7402, 82.7826, 106.4363



80.0610, 81.1947, 106.0602



17.5379, 18.4473, 22.8863



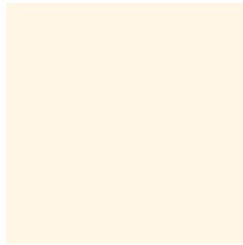
11.5478, 8.0052, 50.3711



1.2234, 0.9776, 4.9375

Previews

White Background



This preview shows how the XYZ color 88.4787, 92.8847, 88.1281 looks on a white background.

Color Contrast Check

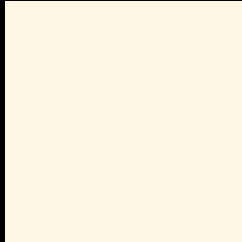
Large Text (above 18pt) WCAG AA × Fail

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 88.4787, 92.8847, 88.1281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

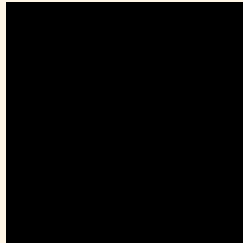
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4787, 92.8847, 88.1281

Background



This preview shows how black text looks on a background with the XYZ color 88.4787, 92.8847, 88.1281.

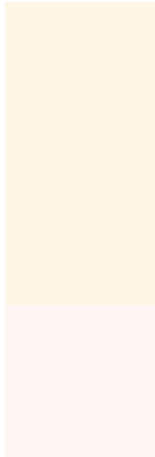


This preview shows how white text looks on a background with the XYZ color 88.4787, 92.8847,

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

88.4787, 92.8847, 88.1281

Protanopia

88.4787, 92.8847, 88.1281

Deuteranopia

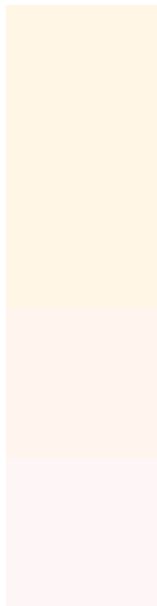
90.0701, 93.0359, 98.0045



Tritanopia

91.2737, 92.9922, 107.7464

Trichromacy



Original Color

88.4787, 92.8847, 88.1281

Protanomaly

88.4787, 92.8847, 88.1281

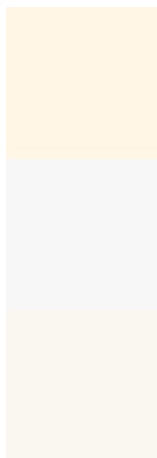
Deuteranomaly

89.3250, 92.7379, 94.0812

Tritanomaly

90.1600, 93.0295, 100.3933

Monochromacy



Original Color

88.4787, 92.8847, 88.1281

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5623, 93.1964, 96.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4787, 92.8847, 88.1281 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, 246, 230) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 230)  
}
```

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, 246, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 230) }
```

Border

The CSS property to change the border of an element to XYZ 88.4787, 92.8847, 88.1281 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, 246, 230) }
```


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

```
.border{ border-color:rgb(255, 246, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4787, 92.8847, 88.1281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 230) }
```

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

```
.background{ background-color: rgb(255,  
246, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor