

Converting Colors

XYZ(88.5153, 93.1149, 87.6564)

Have a look what the booklet for
XYZ(88.5153, 93.1149, 87.6564)
contains.

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Color

**XYZ(88.3386, 92.8287,
87.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E5
RGB	255, 246, 229
RGB Percent	100%, 96%, 90%
CMY	0.0000, 0.0353, 0.1020
CMYK	0.00, 0.04, 0.10, 0.00
HSL	39°, 100%, 95%
HSV	39°, 10%, 100%
XYZ	88.3386, 92.8287, 87.3905
YIQ	246.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

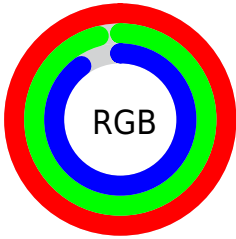
Format	Color
RYB	243, 255, 229
Decimal	16774885
CIELab	97.16, 0.20, 9.23
CIELCh	97, 9.237, 88.769
Yxy	92.8287, 0.3289, 0.3457
Android (android.graphics.Color)	4294964965 (0xFFFFF6E5)
YUV	246.7530, -8.7522, 7.2326
Hunter-Lab	96.3477, -4.9465, 13.6654

Details

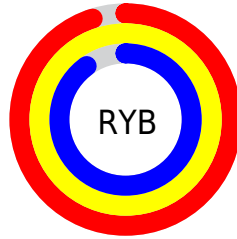
The XYZ color 88.3386, 92.8287, 87.3905 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.9369, 85.0248, 106.7533, and the grayscale version is 88.2721, 92.8691, 101.1344.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3421, 51.8887, 47.4593 is the 20% darker color. If you saturate the color by 10%, you get 82.4171, 86.2712, 69.1221, and if you desaturate by 10%, it is 94.9149, 99.8580, 108.4598.

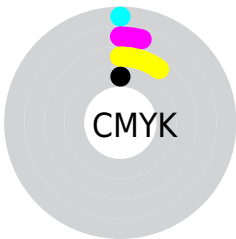
Distribution



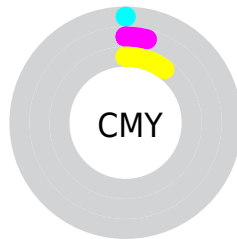
- Red (100%)
- Green (96%)
- Blue (90%)



- Red (95%)
- 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 88.3386, 92.8287, 87.3905 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 88.3386, 92.8287, 87.3905 by changing the saturation by 10% instead.


 88.3386, 92.8287,
87.3905

 88.3386, 92.8287,
87.3905


510.9303,
537.1902, 539.8547

 66.9352, 70.3291,
65.2569

143.9186,
151.2614, 145.6120

 49.3025, 51.7949,
47.2168


178.8259,
187.9634, 182.5370

 35.0750, 36.8416,
32.8515


218.9653,
230.1683, 225.2295

 23.8875, 25.0849,
21.7425

264.7021,
278.2604, 274.1082

 15.3744, 16.1403,
13.4713

316.4016,
332.6243, 329.5915

 9.1706, 9.6235,
7.6194

374.4292,

 4.9106, 5.1500,

393.6443, 392.0980

3.7681

439.1503,
461.7048, 462.0462

■ 2.2291, 2.3356,
1.4990

■ 0.7580, 0.7924,
0.2172

■ 88.3386, 92.8287,
87.3905

■ 88.3386, 92.8287,
87.3905

■ 82.4171, 86.2712,
69.1221

94.9149, 99.8580,
108.4598

■ 77.1196, 80.1614,
53.5285

95.0500, 100.0000,
108.9000

■ 72.4219, 74.4898,
40.4826

■ 68.2958, 69.2422,
29.8448

■ 64.7105, 64.4033,
21.4617

■ 61.6318, 59.9562,
15.1622

■ 59.0204, 55.8823,
10.7503

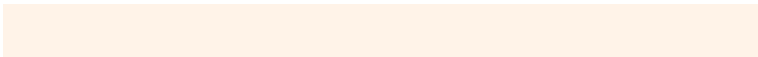
■ 56.8303, 52.1598,
7.9924

■ 55.0196, 48.8191,
6.5232

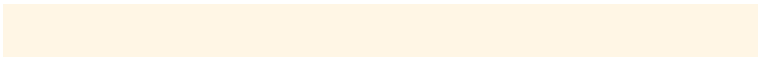
Harmonies

Analogous

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



90.8555, 92.8287, 89.2892



88.3386, 92.8287, 87.3905



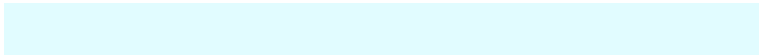
85.8403, 92.8287, 89.0056

Triad

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



88.3386, 92.8287, 87.3905



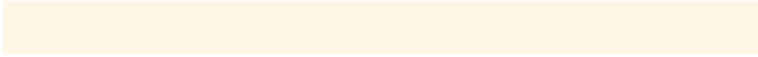
83.9094, 92.8287, 108.1427



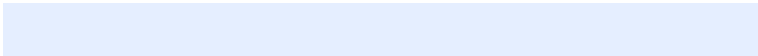
92.5870, 92.8287, 108.7023

Complementary

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



88.3386, 92.8287, 87.3905



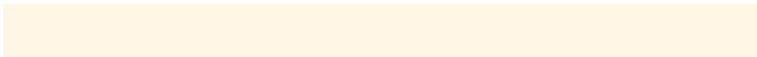
80.9369, 85.0248, 106.7533

Split Complementary

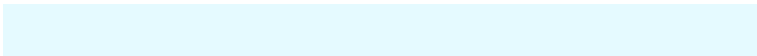
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6655, 92.8287, 114.1882



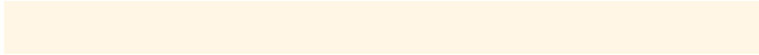
88.3386, 92.8287, 87.3905



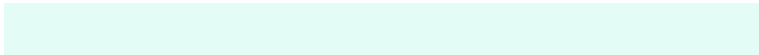
85.6573, 92.8287, 113.8541

Square

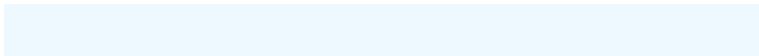
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3386, 92.8287, 87.3905



83.3136, 92.8287, 100.7667



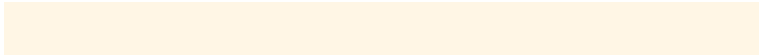
88.1233, 92.8287, 116.1176



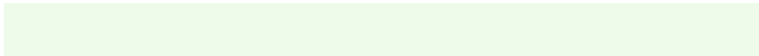
93.3380, 92.8287, 101.3833

Rectangle

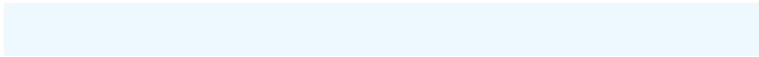
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3386, 92.8287, 87.3905



84.5144, 92.8287, 91.9048



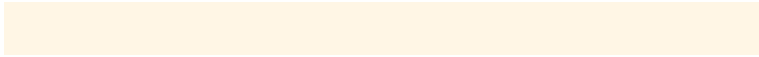
88.1233, 92.8287, 116.1176



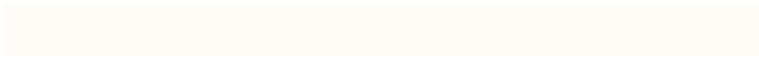
92.0547, 92.8287, 110.8350

Sweetspot

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



88.3408, 92.8326, 87.3925



93.0041, 97.8401, 102.2623



84.7073, 83.4786, 92.6153



19.7919, 20.8198, 21.5180



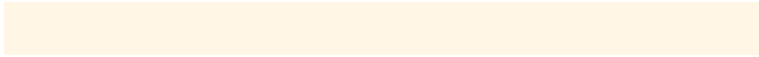
0.0000, 0.0000, 0.0000



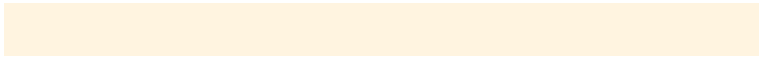
20.3446, 21.4041, 23.3091

Same Dimension

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



88.3408, 92.8326, 87.3925



87.2244, 91.6145, 83.8919



89.7229, 97.7051, 88.2601



19.0012, 19.9707, 18.9976



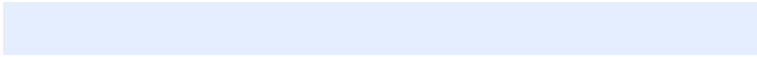
28.8938, 25.7987, 3.4568



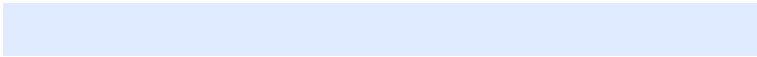
2.9154, 2.7161, 0.3706

Inverse Universe

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



80.9369, 85.0248, 106.7533



78.6188, 82.5397, 106.3958



79.6419, 80.5667, 105.9611



17.5168, 18.4052, 22.8793



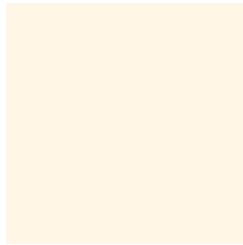
11.3891, 7.6878, 50.3182



1.2062, 0.9432, 4.9317

Previews

White Background



This preview shows how the XYZ color 88.3386, 92.8287, 87.3905 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 88.3386, 92.8287, 87.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

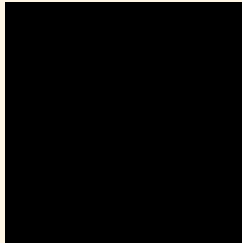
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3386, 92.8287, 87.3905

Background



This preview shows how black text looks on a background with the XYZ color 88.3386, 92.8287, 87.3905.



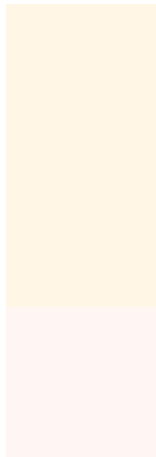
This preview shows how white text looks on a background with the XYZ color 88.3386, 92.8287,

87.3905.

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

88.3386, 92.8287, 87.3905

Protanopia

88.4787, 92.8847, 88.1281

Deuteranopia

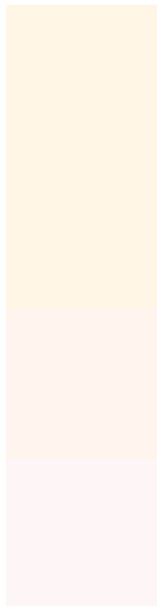
90.0701, 93.0359, 98.0045



Tritanopia

91.2737, 92.9922, 107.7464

Trichromacy



Original Color

88.3386, 92.8287, 87.3905

Protanomaly

88.4787, 92.8847, 88.1281

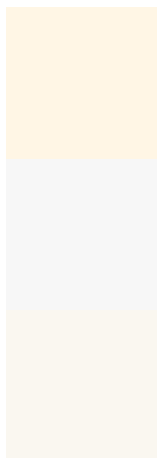
Deuteranomaly

89.3250, 92.7379, 94.0812

Tritanomaly

90.1600, 93.0295, 100.3933

Monochromacy



Original Color

88.3386, 92.8287, 87.3905

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 88.3386, 92.8287, 87.3905 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 229) }
```

Border

The CSS property to change the border of an element to XYZ 88.3386, 92.8287, 87.3905 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, 229) }
```


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

```
.border{ border-color:rgb(255, 246, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3386, 92.8287, 87.3905 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
246, 229) }
```

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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