

# Converting Colors

XYZ(85.2987, 88.1381, 87.5701)

Have a look what the booklet for  
XYZ(85.2987, 88.1381, 87.5701)  
contains.

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# Color

**XYZ(85.2943, 88.1416,  
87.3805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCEFE6
RGB	252, 239, 230
RGB Percent	99%, 94%, 90%
CMY	0.0118, 0.0627, 0.0980
CMYK	0.00, 0.05, 0.09, 0.01
HSL	25°, 79%, 95%
HSV	25°, 9%, 99%
XYZ	85.2943, 88.1416, 87.3805
YIQ	241.8610, 10.6370, -0.0430

# Conversions

## Conversions Part 2

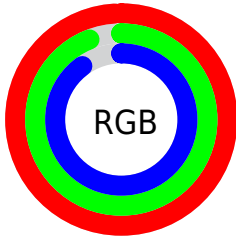
Format	Color
R <sub>Y</sub> B	252, 245, 230
Decimal	16576486
CIE Lab	95.22, 2.88, 5.90
CIE LCh	95, 6.566, 63.996
Yxy	88.1416, 0.3270, 0.3379
Android (android.graphics.Color)	4294766566 (0xFFFCFE6)
YUV	241.8610, -5.8475, 8.8919
Hunter-Lab	93.8838, -2.1276, 10.5356

# Details

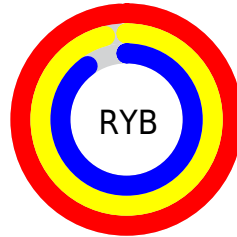
The XYZ color **85.2943, 88.1416, 87.3805** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2542, 87.9510, 104.7374**, and the grayscale version is **84.3291, 88.7208, 96.6170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1770, 48.5642, 47.4448** is the 20% darker color. If you saturate the color by 10%, you get **77.8288, 78.4698, 68.6763**, and if you desaturate by 10%, it is **93.6028, 98.7307, 108.7313**.

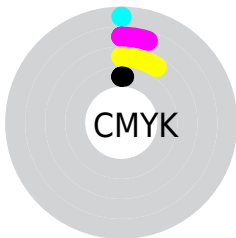
# Distribution



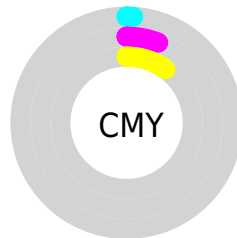
- Red (99%)
- Green (94%)
- Blue (90%)



- Red (99%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (6%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2943, 88.1416, 87.3805 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 85.2943, 88.1416, 87.3805 by changing the saturation by 10% instead.




 85.2943, 88.1416,  
87.3805

 85.2943, 88.1416,  
87.3805


501.0704,  
521.9668, 539.8210

 64.4079, 66.4403,  
65.2487

139.6962,  
144.7543, 145.5979

 47.2440, 48.6300,  
47.2102


173.9424,  
180.4345, 182.5206

 33.4374, 34.3260,  
32.8463

213.3725,  
221.5431, 225.2107

 22.6225, 23.1442,  
21.7386

258.3520,  
268.4646, 274.0868

 14.4342, 14.7000,  
13.4685

309.2462,  
321.5833, 329.5673

 8.5070, 8.6091,  
7.6174

366.4204,

 4.4756, 4.4871,

381.2837, 392.0708

3.7669

430.2400,  
447.9501, 462.0159

■ 1.9745, 1.9496,  
1.4983

■ 0.6196, 0.5779,  
0.2167

■ 85.2943, 88.1416,  
87.3805

■ 85.2943, 88.1416,  
87.3805

■ 77.8288, 78.4698,  
68.6763

■ 93.6028, 98.7307,  
108.7313

■ 71.2010, 69.6908,  
52.6665

■ 93.9553, 99.4357,  
108.8488

■ 65.3810, 61.7811,  
39.2264

■ 60.3341, 54.7120,  
28.2196

■ 56.0230, 48.4531,  
19.4967

■ 52.4065, 42.9715,  
12.8914

■ 49.4386, 38.2319,  
8.2149

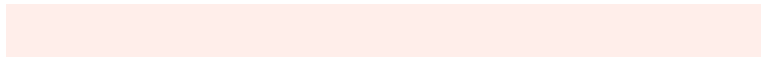
■ 47.0665, 34.1950,  
5.2435

■ 45.2178, 30.8127,  
3.6561

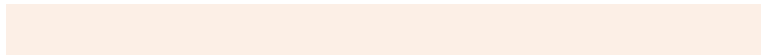
# Harmonies

## Analogous

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



86.6625, 88.1416, 90.5638



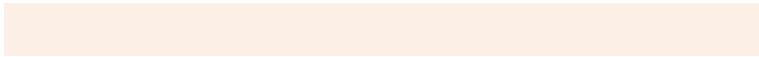
85.2943, 88.1416, 87.3805



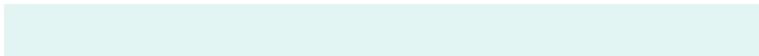
83.5363, 88.1416, 86.4686

# Triad

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



85.2943, 88.1416, 87.3805



80.3886, 88.1416, 96.6598



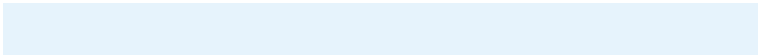
85.7155, 88.1416, 104.3791

# Complementary

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



85.2943, 88.1416, 87.3805



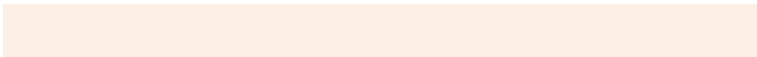
82.2542, 87.9510, 104.7374

# 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.



84.0160, 88.1416, 106.1457



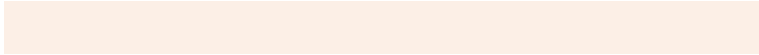
85.2943, 88.1416, 87.3805



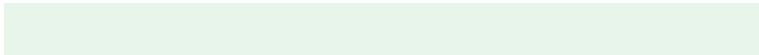
80.9542, 88.1416, 101.5897

# Square

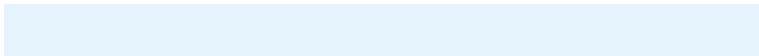
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2943, 88.1416, 87.3805



80.7200, 88.1416, 91.7133



82.2757, 88.1416, 105.1073

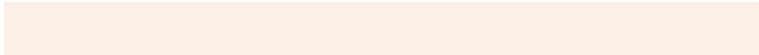


86.9081, 88.1416, 100.3589



# Rectangle

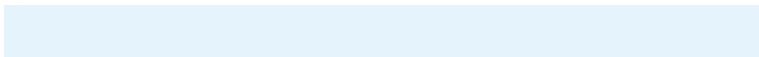
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2943, 88.1416, 87.3805



82.3838, 88.1416, 87.2434



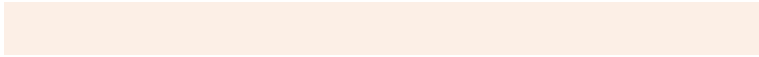
82.2757, 88.1416, 105.1073



85.1837, 88.1416, 105.2626

# Sweetspot

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



85.2967, 88.1455, 87.3824



92.4179, 96.6676, 102.0669



84.6507, 83.7735, 96.6619



19.6336, 20.5034, 21.4653



0.0000, 0.0000, 0.0000

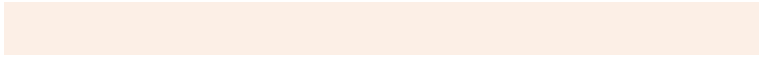


20.3446, 21.4041, 23.3091

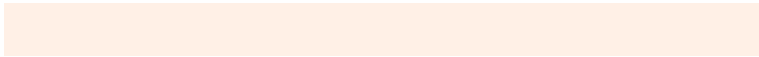


# Same Dimension

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



85.2967, 88.1455, 87.3824



86.5943, 89.2282, 87.1541



88.5523, 94.6567, 88.4676



17.8280, 18.3918, 18.0727



23.5822, 16.1211, 1.8688

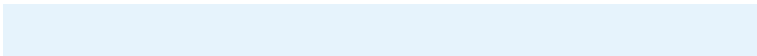


2.2855, 1.6958, 0.2069

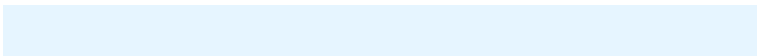


# Inverse Universe

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



82.2542, 87.9510, 104.7374



83.0432, 89.0011, 107.4098



79.1180, 81.6785, 103.6920



17.1354, 18.3475, 22.0236



14.8882, 15.1319, 50.1096

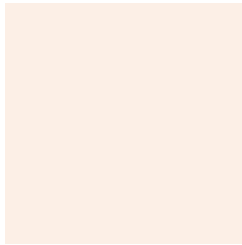


1.4832, 1.6100, 4.6758



# Previews

## White Background



This preview shows how the XYZ color 85.2943, 88.1416, 87.3805 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

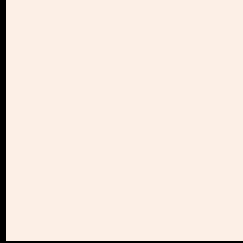
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 85.2943, 88.1416, 87.3805 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 85.2943, 88.1416, 87.3805

## Background



This preview shows how black text looks on a background with the XYZ color 85.2943, 88.1416, 87.3805.



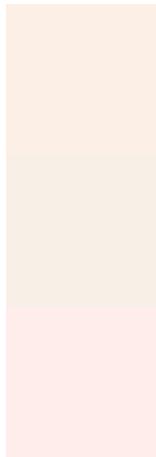
This preview shows how white text looks on a background with the XYZ color 85.2943, 88.1416,

87.3805.

# 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

85.2943, 88.1416, 87.3805

### Protanopia

84.2953, 88.0462, 88.1531

### Deuteranopia

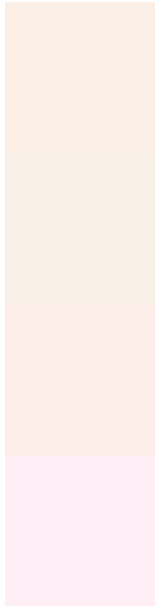
86.6645, 87.8845, 91.7526



## Tritanopia

89.1248, 88.4067, 106.1327

# Trichromacy



## Original Color

85.2943, 88.1416, 87.3805

## Protanomaly

84.6508, 88.2294, 88.1697

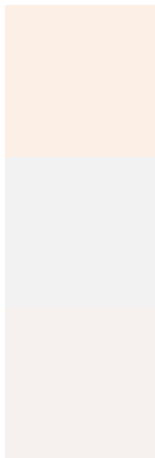
## Deuteranomaly

86.2989, 88.1604, 90.3101

## Tritanomaly

87.6387, 88.2318, 98.7976

# Monochromacy



## Original Color

85.2943, 88.1416, 87.3805

## Achromatopsia

84.3971, 88.7923, 96.6948

## Achromatomaly

84.8939, 88.6765, 93.5308

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 85.2943, 88.1416, 87.3805 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(252, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 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(252, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 85.2943, 88.1416, 87.3805 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(252, 239, 230) }
```



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

```
.border{ border-color:rgb(252, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 85.2943, 88.1416, 87.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 230) }
```

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

```
.background{ background-color: rgb(252,  
239, 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](#).

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