

Converting Colors

XYZ(89.0562, 87.5129, 87.7807)

Have a look what the booklet for
XYZ(89.0562, 87.5129, 87.7807)
contains.

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Color

**XYZ(84.8027, 85.3073,
87.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9E7
RGB	255, 233, 231
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0863, 0.0941
CMYK	0.00, 0.09, 0.09, 0.00
HSL	5°, 100%, 95%
HSV	5°, 9%, 100%
XYZ	84.8027, 85.3073, 87.5977
YIQ	239.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

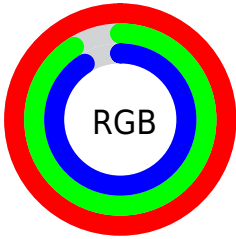
Format	Color
R _Y B	255, 233, 231
Decimal	16771559
CIE Lab	94.02, 7.15, 3.67
CIE LCh	94, 8.032, 27.185
Yxy	85.3073, 0.3291, 0.3310
Android (android.graphics.Color)	4294961639 (0xFFFFE9E7)
YUV	239.3500, -4.1165, 13.7251
Hunter-Lab	92.3620, 2.2575, 8.4217

Details

The XYZ color **84.8027, 85.3073, 87.5977** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1295, 94.4570, 108.3003**, and the grayscale version is **82.3420, 86.6302, 94.3403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7487, 46.5452, 47.0776** is the 20% darker color. If you saturate the color by 10%, you get **75.2769, 71.6056, 67.9294**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

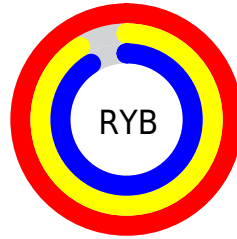
Distribution



Red (100%)

Green (91%)

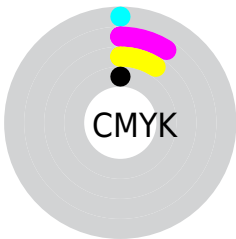
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

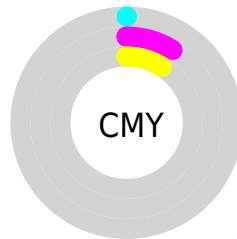


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8027, 85.3073, 87.5977 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 84.8027, 85.3073, 87.5977 by changing the saturation by 10% instead.


 84.8027, 85.3073,
87.5977

 84.8027, 85.3073,
87.5977

499.4685,
512.6444, 540.5520

 64.0003, 64.0953,
65.4275

139.0129,
140.8024, 145.9032

 46.9126, 46.7279,
47.3543


173.1515,
175.8544, 182.8755

 33.1742, 32.8206,
32.9595


212.4662,
216.2885, 225.6189

 22.4198, 21.9890,
21.8245

257.3223,
262.4890, 274.5521

 14.2840, 13.8488,
13.5309

308.0852,
314.8405, 330.0934

 8.4015, 8.0156,
7.6602

365.1203,

 4.4069, 4.1049,

373.7273, 392.6615

3.7936

428.7930,
439.5338, 462.6748

■ 1.9348, 1.7324,
1.5128

■ 0.5969, 0.4445,
0.2275

■ 84.8027, 85.3073,
87.5977

■ 84.8027, 85.3073,
87.5977

■ 75.2769, 71.6056,
67.9294

95.0500, 100.0000,
108.9000

■ 67.0933, 59.7851,
51.1844

■ 60.1932, 49.7670,
37.2248

■ 54.5114, 41.4626,
25.8995

■ 49.9767, 34.7758,
17.0427

■ 46.5107, 29.6010,
10.4702

■ 44.0249, 25.8198,
5.9717

■ 42.4166, 23.2966,
3.2981

■ 41.5482, 21.8632,
2.0733

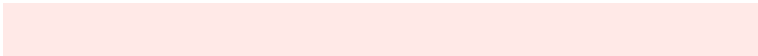
Harmonies

Analogous

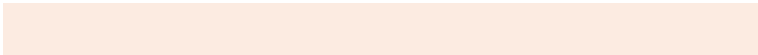
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2674, 85.3073, 93.4659



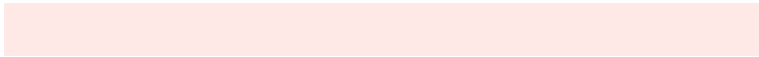
84.8027, 85.3073, 87.5977



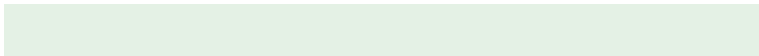
83.3355, 85.3073, 83.3167

Triad

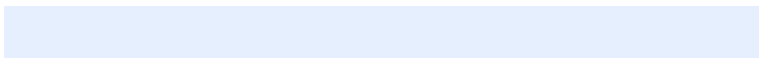
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8027, 85.3073, 87.5977



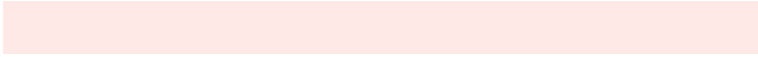
77.6683, 85.3073, 86.6359



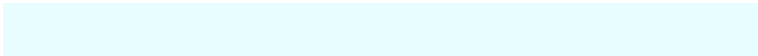
80.8798, 85.3073, 105.1767

Complementary

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



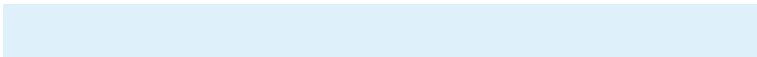
84.8027, 85.3073, 87.5977



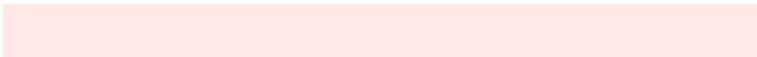
86.1295, 94.4570, 108.3003

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.



78.8695, 85.3073, 103.1595



84.8027, 85.3073, 87.5977



77.0359, 85.3073, 92.3068

Square

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



84.8027, 85.3073, 87.5977



79.2142, 85.3073, 82.7788



77.4718, 85.3073, 98.3812



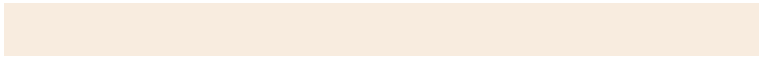
82.9790, 85.3073, 103.7823

Rectangle

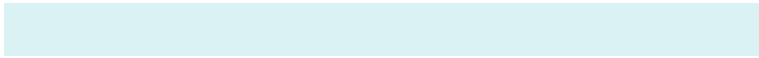
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



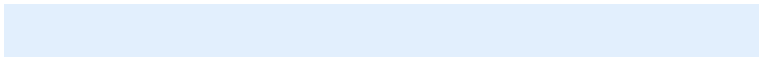
84.8027, 85.3073, 87.5977



81.9994, 85.3073, 81.8474



77.4718, 85.3073, 98.3812



80.1715, 85.3073, 104.8731

Sweetspot

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



84.8047, 85.3108, 87.5995



91.6466, 95.1250, 101.8098



87.5460, 85.5046, 104.8185



19.4261, 20.0884, 21.3961



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

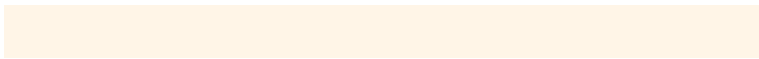
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8047, 85.3108, 87.5995



83.1986, 83.0040, 84.2732



88.3167, 92.3349, 88.7702



18.1313, 18.2307, 18.7076



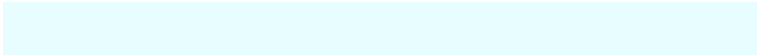
21.7337, 11.4786, 1.0701



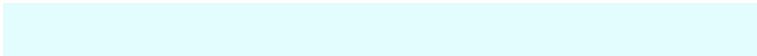
2.1559, 1.1972, 0.1175

Inverse Universe

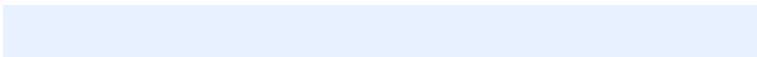
The Inverse Universe completely reimagines the original color for something new.



86.1295, 94.4570, 108.3003



84.7300, 93.5771, 108.2042



82.4611, 87.1204, 107.0775



18.4175, 20.2065, 23.1795



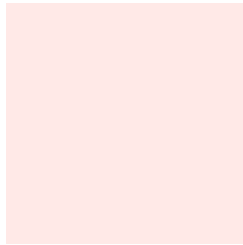
24.8155, 34.5405, 54.7937



2.4529, 3.4365, 5.3473

Previews

White Background



This preview shows how the XYZ color 84.8027, 85.3073, 87.5977 looks on a white background.

Color Contrast Check

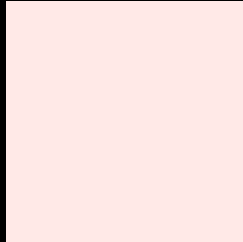
Large Text (above 18pt) WCAG AA × Fail

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 84.8027, 85.3073, 87.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

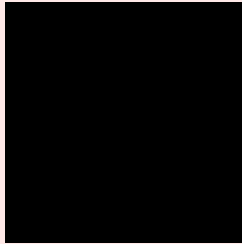
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

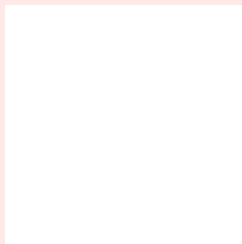
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8027, 85.3073, 87.5977

Background



This preview shows how black text looks on a background with the XYZ color 84.8027, 85.3073, 87.5977.



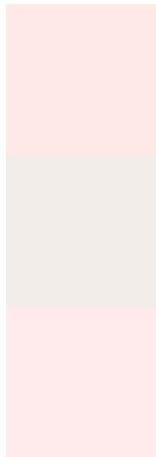
This preview shows how white text looks on a background with the XYZ color 84.8027, 85.3073,

87.5977.

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

84.8027, 85.3073, 87.5977

Protanopia

81.9543, 85.5063, 89.2757

Deuteranopia

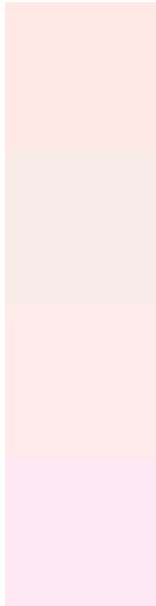
85.2302, 85.4783, 89.8488



Tritanopia

86.6044, 85.1272, 99.8623

Trichromacy



Original Color

84.8027, 85.3073, 87.5977

Protanomaly

82.9187, 85.5913, 88.4944

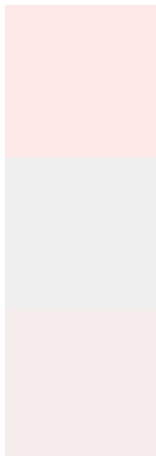
Deuteranomaly

85.0869, 85.4210, 89.0941

Tritanomaly

85.9738, 85.3241, 95.1570

Monochromacy



Original Color

84.8027, 85.3073, 87.5977

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.0807, 86.0370, 91.5849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8027, 85.3073, 87.5977 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, 233, 231) looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 231)  
}
```

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, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 231) }
```

Border

The CSS property to change the border of an element to XYZ 84.8027, 85.3073, 87.5977 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, 233, 231) }
```


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

```
.border{ border-color:rgb(255, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8027, 85.3073, 87.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 231) }
```

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

```
.background{ background-color: rgb(255,  
233, 231) }
```

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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