

Converting Colors

XYZ(81.9074, 82.9146, 86.9684)

Have a look what the booklet for
XYZ(81.9074, 82.9146, 86.9684)
contains.

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Color

**XYZ(82.0666, 83.0611,
87.3083)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7E7
RGB	249, 231, 231
RGB Percent	98%, 91%, 91%
CMY	0.0235, 0.0941, 0.0941
CMYK	0.00, 0.07, 0.07, 0.02
HSL	0°, 60%, 94%
HSV	0°, 7%, 98%
XYZ	82.0666, 83.0611, 87.3083
YIQ	236.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

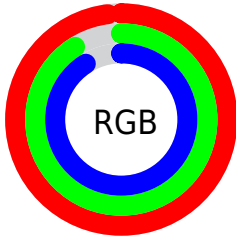
Format	Color
R_{YB}	249, 231, 231
Decimal	16377831
CIE Lab	93.04, 6.11, 2.20
CIE LCh	93, 6.493, 19.760
Yxy	83.0611, 0.3251, 0.3290
Android (android.graphics.Color)	4294567911 (0xFF9E7E7)
YUV	236.3820, -2.6533, 11.0660
Hunter-Lab	91.1379, 1.2420, 6.9978

Details

The XYZ color **82.0666, 83.0611, 87.3083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9292, 91.5781, 102.8762**, and the grayscale version is **80.0374, 84.2056, 91.6999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0602, 45.0925, 46.8862** is the 20% darker color. If you saturate the color by 10%, you get **72.3185, 68.7977, 67.9249**, and if you desaturate by 10%, it is **92.8773, 98.8799, 108.7983**.

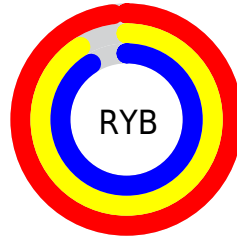
Distribution



Red (98%)

Green (91%)

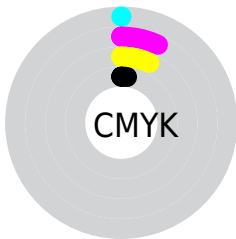
Blue (91%)



Red (98%)

Yellow (91%)

Blue (91%)

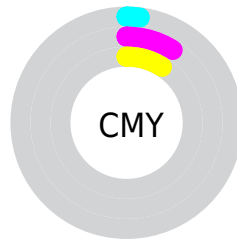


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0666, 83.0611, 87.3083 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 82.0666, 83.0611, 87.3083 by changing the saturation by 10% instead.


 82.0666, 83.0611,
87.3083

 82.0666, 83.0611,
87.3083


490.5016,
505.1901, 539.5779

 61.7347, 62.2406,
65.1893


135.2027,
137.6610, 145.4964

 45.0732, 45.2271,
47.1623

168.7377,
172.2092, 182.4026

 31.7166, 31.6363,
32.8087


207.4044,
212.1021, 225.0750

 21.2996, 21.0839,
21.7100

251.5682,
257.7240, 273.9320

 13.4569, 13.1853,
13.4477

301.5945,
309.4593, 329.3923

 7.8231, 7.5563,
7.6032

357.8486,

 4.0328, 3.8124,

367.6926, 391.8744

3.7580

420.6958,
432.8080, 461.7967

■ 1.7207, 1.5692,
1.4935

■ 0.4692, 0.3367,
0.2131

■ 82.0666, 83.0611,
87.3083

■ 82.0666, 83.0611,
87.3083

■ 72.3185, 68.7977,
67.9249

■ 92.8773, 98.8799,
108.7983

■ 63.9967, 56.6209,
51.3804

■ 57.0365, 46.4363,
37.5434

■ 51.3655, 38.1379,
26.2696

■ 46.9044, 31.6099,
17.4019

■ 43.5655, 26.7238,
10.7653

■ 41.2491, 23.3338,
6.1617

■ 39.8379, 21.2683,
3.3578

■ 39.1807, 20.3061,
2.0526

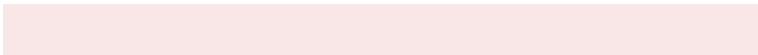
Harmonies

Analogous

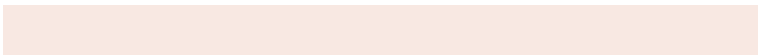
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2109, 83.0611, 92.1156



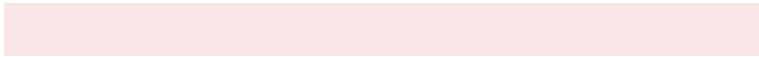
82.0666, 83.0611, 87.3083



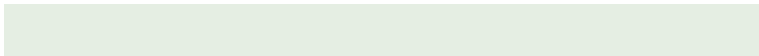
81.0797, 83.0611, 83.4734

Triad

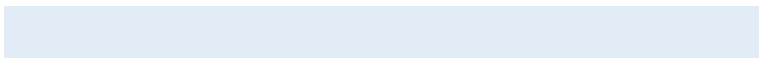
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0666, 83.0611, 87.3083



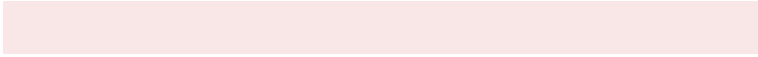
76.4757, 83.0611, 84.5201



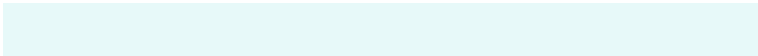
78.3668, 83.0611, 99.9778

Complementary

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



82.0666, 83.0611, 87.3083



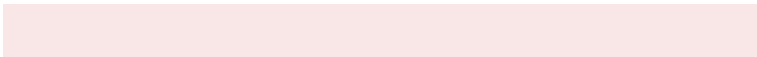
83.9292, 91.5781, 102.8762

Split Complementary

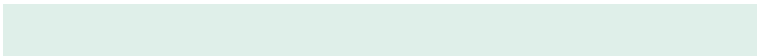
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8522, 83.0611, 97.7826



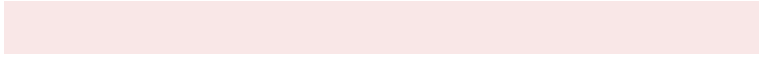
82.0666, 83.0611, 87.3083



75.7708, 83.0611, 88.7837

Square

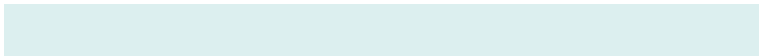
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0666, 83.0611, 87.3083



77.8461, 83.0611, 81.9041



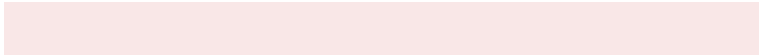
75.9076, 83.0611, 93.6445



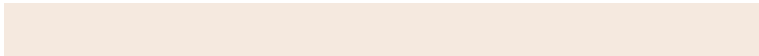
80.0584, 83.0611, 99.5481

Rectangle

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



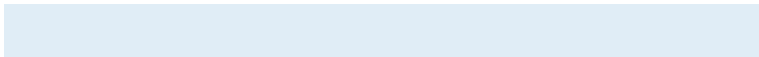
82.0666, 83.0611, 87.3083



80.0845, 83.0611, 81.9292



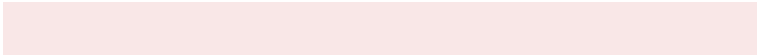
75.9076, 83.0611, 93.6445



77.8205, 83.0611, 99.5194

Sweetspot

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



82.0689, 83.0647, 87.3101



92.6346, 96.4657, 104.0977



84.7427, 84.1323, 101.3961



19.8529, 20.6846, 22.3315



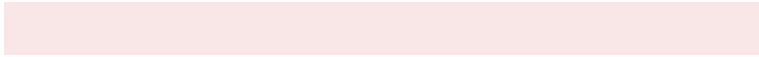
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

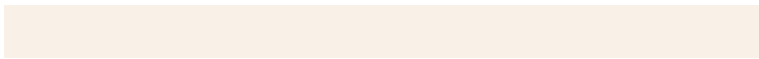
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0689, 83.0647, 87.3101



84.6849, 84.8336, 88.2923



84.6518, 88.2305, 88.1710



17.2450, 17.2259, 17.8784



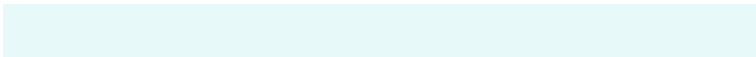
20.9124, 10.7815, 0.9788



1.9370, 0.9988, 0.0907

Inverse Universe

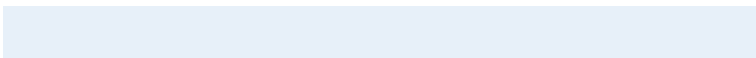
The Inverse Universe completely reimagines the original color for something new.



83.9292, 91.5781, 102.8762



87.1031, 95.9006, 108.5276



81.2150, 86.1498, 101.9715



17.7655, 19.6079, 22.2336



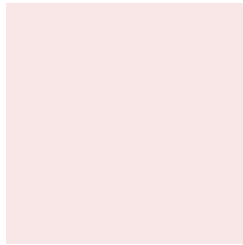
27.2760, 39.9075, 54.2389



2.5263, 3.6964, 5.0235

Previews

White Background



This preview shows how the XYZ color 82.0666, 83.0611, 87.3083 looks on a white background.

Color Contrast Check

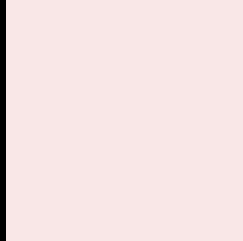
Large Text (above 18pt) WCAG AA × Fail

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 82.0666, 83.0611, 87.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

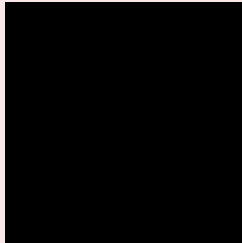
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

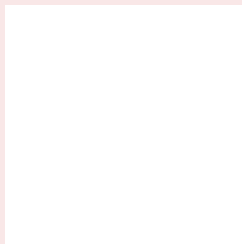
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0666, 83.0611, 87.3083

Background



This preview shows how black text looks on a background with the XYZ color 82.0666, 83.0611, 87.3083.

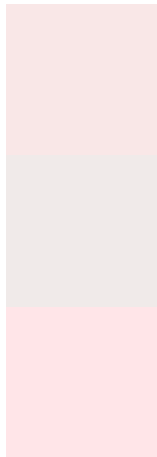


This preview shows how white text looks on a background with the XYZ color 82.0666, 83.0611,

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

82.0666, 83.0611, 87.3083

Protanopia

80.0660, 83.2541, 88.9405

Deuteranopia

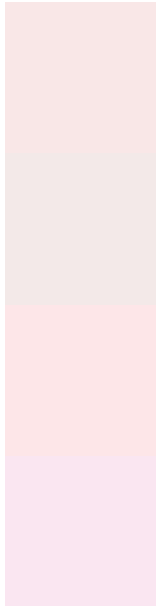
83.8248, 83.1248, 87.9706



Tritanopia

84.5915, 83.2633, 99.6087

Trichromacy



Original Color

82.0666, 83.0611, 87.3083

Protanomaly

80.6665, 83.1587, 88.1436

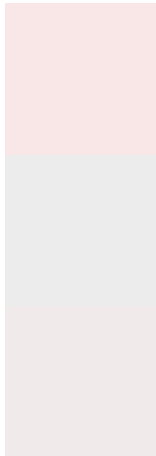
Deuteranomaly

83.3703, 83.3025, 88.0288

Tritanomaly

83.5983, 83.2685, 94.8854

Monochromacy



Original Color

82.0666, 83.0611, 87.3083

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5497, 83.4869, 89.7111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0666, 83.0611, 87.3083 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(249, 231, 231) looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 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(249, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.0666, 83.0611, 87.3083 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(249, 231, 231) }
```


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

```
.border{ border-color:rgb(249, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0666, 83.0611, 87.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 231) }
```

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

```
.background{ background-color: rgb(249,  
231, 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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