

Converting Colors

XYZ(82.9055, 82.9731, 86.9958)

Have a look what the booklet for
XYZ(82.9055, 82.9731, 86.9958)
contains.

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Color

**XYZ(82.8655, 83.0586,
87.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6E7
RGB	252, 230, 231
RGB Percent	99%, 90%, 91%
CMY	0.0118, 0.0980, 0.0941
CMYK	0.00, 0.09, 0.08, 0.01
HSL	357°, 79%, 95%
HSV	357°, 9%, 99%
XYZ	82.8655, 83.0586, 87.2657
YIQ	236.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

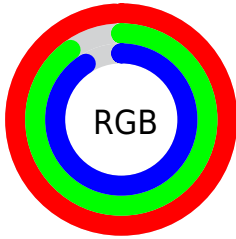
Format	Color
RYB	252, 230, 231
Decimal	16574183
CIELab	93.04, 7.66, 2.22
CIELCh	93, 7.972, 16.196
Yxy	83.0586, 0.3273, 0.3280
Android (android.graphics.Color)	4294764263 (0xFFFC6E7)
YUV	236.6920, -2.8062, 13.4251
Hunter-Lab	91.1365, 2.8116, 7.0237

Details

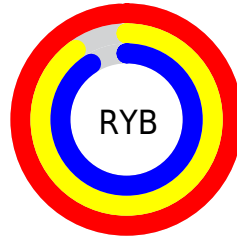
The XYZ color **82.8655, 83.0586, 87.2657** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8593, 93.4109, 104.8290**, and the grayscale version is **80.2754, 84.4560, 91.9726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5735, 45.3572, 46.9103** is the 20% darker color. If you saturate the color by 10%, you get **73.1856, 68.7677, 68.4105**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

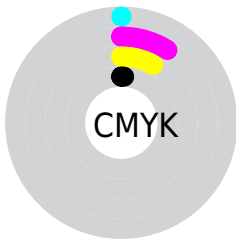
Distribution



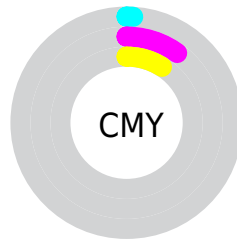
- Red (99%)
- Green (90%)
- Blue (91%)



- Red (99%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8655, 83.0586, 87.2657 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 82.8655, 83.0586, 87.2657 by changing the saturation by 10% instead.


 82.8655, 83.0586,
87.2657

 82.8655, 83.0586,
87.2657


493.1289,
505.1818, 539.4344

 62.3957, 62.2385,
65.1542


136.3166,
137.6575, 145.4366

 45.6093, 45.2254,
47.1340


170.0286,
172.2051, 182.3330

 32.1410, 31.6350,
32.7865

208.8854,
212.0974, 224.9949

 21.6253, 21.0829,
21.6932

253.2524,
257.7187, 273.8407

 13.6969, 13.1846,
13.4355

303.4948,
309.4533, 329.2891

 7.9904, 7.5558,
7.5948

359.9782,

 4.1406, 3.8120,

367.6858, 391.7584

3.7528

423.0677,
432.8005, 461.6674

■ 1.7820, 1.5690,
1.4907

■ 0.5068, 0.3366,
0.2110

■ 82.8655, 83.0586,
87.2657

■ 82.8655, 83.0586,
87.2657

■ 73.1856, 68.7677,
68.4105

■ 93.9553, 99.4357,
108.8488

■ 64.9221, 56.5932,
52.2375

■ 58.0106, 46.4381,
38.6264

■ 52.3792, 38.1930,
27.4458

■ 47.9491, 31.7386,
18.5526

■ 44.6331, 26.9419,
11.7888

■ 42.3318, 23.6517,
6.9762

■ 40.9286, 21.6889,
3.9077

■ 40.2626, 20.7982,
2.3246

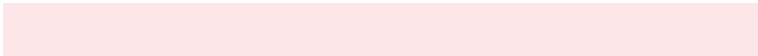
Harmonies

Analogous

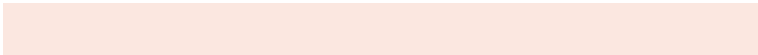
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9103, 83.0586, 93.2096



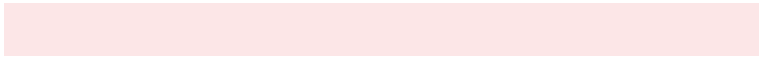
82.8655, 83.0586, 87.2657



81.7581, 83.0586, 82.3853

Triad

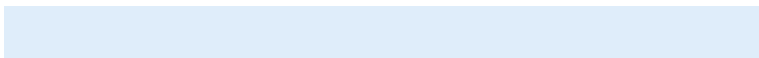
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8655, 83.0586, 87.2657



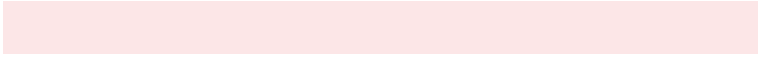
76.0809, 83.0586, 82.7048



77.9901, 83.0586, 102.0753

Complementary

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



82.8655, 83.0586, 87.2657



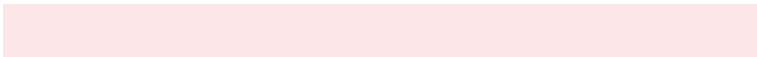
84.8593, 93.4109, 104.8290

Split Complementary

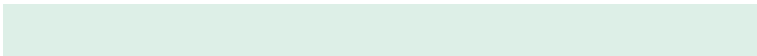
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1966, 83.0586, 98.9962



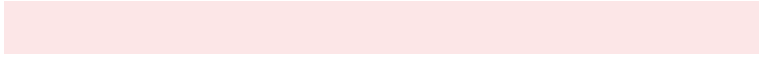
82.8655, 83.0586, 87.2657



75.1076, 83.0586, 87.7193

Square

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



82.8655, 83.0586, 87.2657



77.8296, 83.0586, 79.8325



75.1496, 83.0586, 93.6836



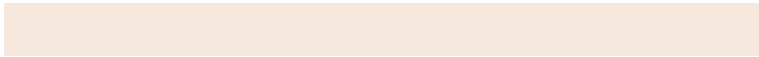
80.0704, 83.0586, 101.9406

Rectangle

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



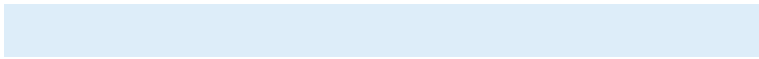
82.8655, 83.0586, 87.2657



80.5772, 83.0586, 80.3140



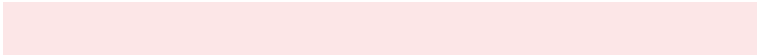
75.1496, 83.0586, 93.6836



77.3344, 83.0586, 101.3761

Sweetspot

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



82.8678, 83.0623, 87.2675



91.5041, 94.7543, 102.0267



85.6175, 84.1162, 103.8200



19.3879, 19.9888, 21.4543



0.0000, 0.0000, 0.0000



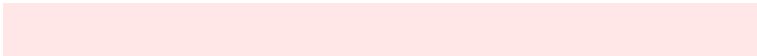
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8678, 83.0623, 87.2675



83.7729, 83.3257, 87.0137



85.5609, 88.6728, 87.4733



17.2764, 17.2379, 18.0455



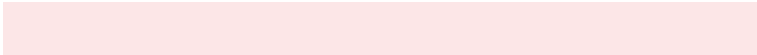
20.9587, 10.7992, 1.2251



1.9520, 1.0045, 0.1706

Inverse Universe

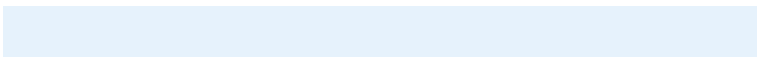
The Inverse Universe completely reimagines the original color for something new.



82.8678, 83.0623, 87.2675



83.7729, 83.3257, 87.0137



81.9888, 87.4181, 104.6486



17.2764, 17.2379, 18.0455



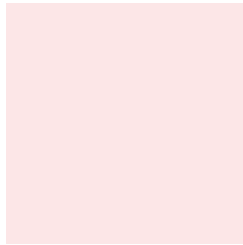
20.9587, 10.7992, 1.2251



1.9520, 1.0045, 0.1706

Previews

White Background



This preview shows how the XYZ color 82.8655, 83.0586, 87.2657 looks on a white background.

Color Contrast Check

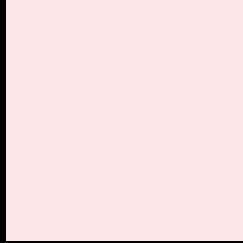
Large Text (above 18pt) WCAG AA × Fail

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 82.8655, 83.0586, 87.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

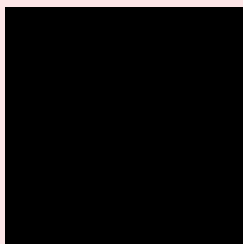
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

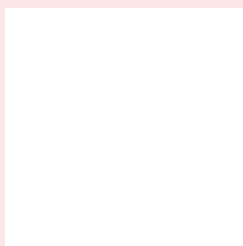
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8655, 83.0586, 87.2657

Background



This preview shows how black text looks on a background with the XYZ color 82.8655, 83.0586, 87.2657.



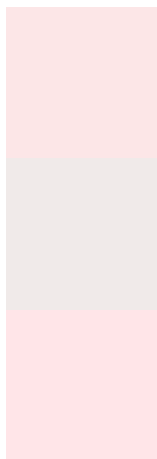
This preview shows how white text looks on a background with the XYZ color 82.8655, 83.0586,

87.2657.

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

82.8655, 83.0586, 87.2657

Protanopia

80.0660, 83.2541, 88.9405

Deuteranopia

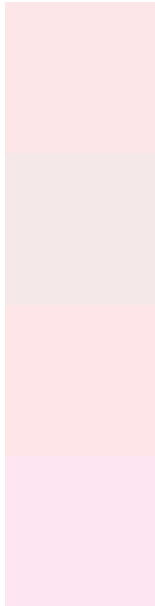
83.8248, 83.1248, 87.9706



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

82.8655, 83.0586, 87.2657

Protanomaly

81.0126, 83.3371, 88.1598

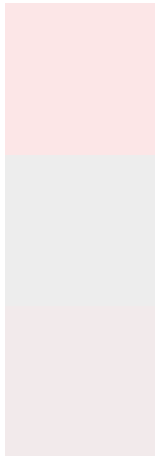
Deuteranomaly

83.4579, 82.9356, 87.9534

Tritanomaly

84.4045, 83.2721, 94.8436

Monochromacy



Original Color

82.8655, 83.0586, 87.2657

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0362, 83.7210, 90.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8655, 83.0586, 87.2657 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, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 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(252, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.8655, 83.0586, 87.2657 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, 230, 231) }
```


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

```
.border{ border-color:rgb(252, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8655, 83.0586, 87.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 231) }
```

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

```
.background{ background-color: rgb(252,  
230, 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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