

Converting Colors

XYZ(81.0195, 82.1154, 86.8630)

Have a look what the booklet for
XYZ(81.0195, 82.1154, 86.8630)
contains.

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Color

**XYZ(81.0784, 82.1373,
87.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6E7
RGB	247, 230, 231
RGB Percent	97%, 90%, 91%
CMY	0.0314, 0.0980, 0.0941
CMYK	0.00, 0.07, 0.06, 0.03
HSL	356°, 52%, 94%
HSV	356°, 7%, 97%
XYZ	81.0784, 82.1373, 87.1821
YIQ	235.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

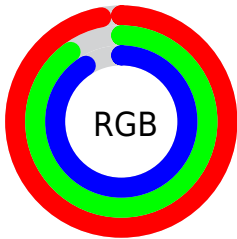
Format	Color
R _Y B	247, 230, 231
Decimal	16246503
CIE Lab	92.64, 5.94, 1.59
CIE LCh	93, 6.149, 14.939
Yxy	82.1373, 0.3238, 0.3280
Android (android.graphics.Color)	4294436583 (0xFF7E6E7)
YUV	235.1970, -2.0691, 10.3512
Hunter-Lab	90.6296, 1.0865, 6.4061

Details

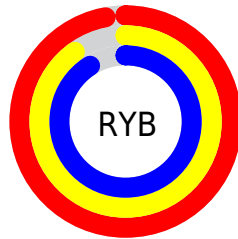
The XYZ color **81.0784, 82.1373, 87.1821** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5316, 90.0005, 100.2152**, and the grayscale version is **79.1277, 83.2484, 90.6576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5537, 44.8315, 46.8625** is the 20% darker color. If you saturate the color by 10%, you get **71.6170, 68.1252, 68.8874**, and if you desaturate by 10%, it is **91.9547, 98.2790, 108.1030**.

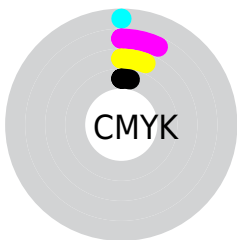
Distribution



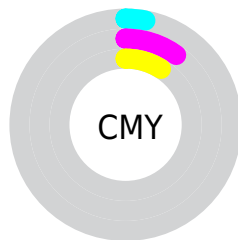
- Red (97%)
- Green (90%)
- Blue (91%)



- Red (97%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0784, 82.1373, 87.1821 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 81.0784, 82.1373, 87.1821 by changing the saturation by 10% instead.


 81.0784, 82.1373,
87.1821

 81.0784, 82.1373,
87.1821


487.2411,
502.1068, 539.1528

 60.9177, 61.4787,
65.0854


133.8234,
136.3665, 145.3190

 44.4110, 44.6116,
47.0786


167.1384,
170.7060, 182.1964

 31.1931, 31.1516,
32.7430


205.5689,
210.3745, 224.8377

 20.8985, 20.7143,
21.6601

249.4803,
255.7564, 273.6615

 13.1618, 12.9154,
13.4115

299.2378,
307.2363, 329.0864

 7.6178, 7.3703,
7.5784

355.2069,

 3.9011, 3.6947,

365.1983, 391.5309

3.7425

417.7529,
430.0271, 461.4135

■ 1.6464, 1.5043,
1.4852

■ 0.4223, 0.2918,
0.2069

■ 81.0784, 82.1373,
87.1821

■ 81.0784, 82.1373,
87.1821

■ 71.6170, 68.1252,
68.8874

■ 91.9547, 98.2790,
108.1030

■ 63.5058, 56.1435,
53.1100

■ 92.1682, 98.5144,
108.7651

■ 56.6853, 46.1014,
39.7414

■ 51.0888, 37.8969,
28.6631

■ 46.6439, 31.4187,
19.7464

■ 43.2701, 26.5433,
12.8501

■ 40.8770, 23.1312,
7.8162

■ 39.3589, 21.0187,
4.4630

■ 38.5840, 19.9985,
2.5717

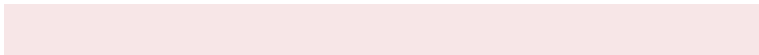
Harmonies

Analogous

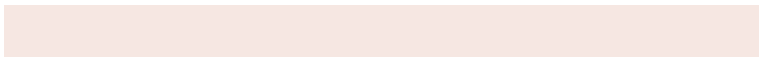
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0767, 82.1373, 91.7418



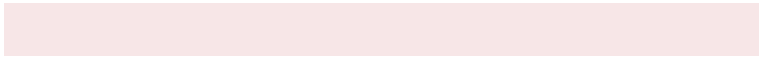
81.0784, 82.1373, 87.1821



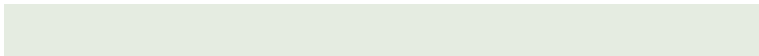
80.2663, 82.1373, 83.3552

Triad

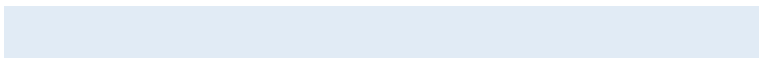
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0784, 82.1373, 87.1821



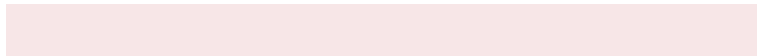
75.9168, 82.1373, 83.3426



77.2726, 82.1373, 98.2113

Complementary

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



81.0784, 82.1373, 87.1821



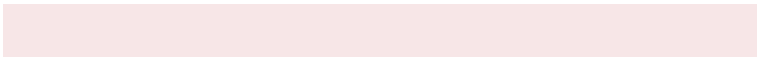
82.5316, 90.0005, 100.2152

Split Complementary

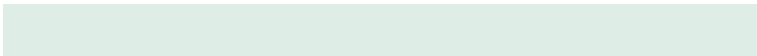
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9122, 82.1373, 95.8004



81.0784, 82.1373, 87.1821



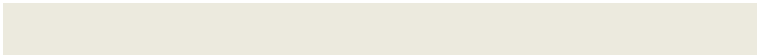
75.1367, 82.1373, 87.1644

Square

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



81.0784, 82.1373, 87.1821



77.2789, 82.1373, 81.1905



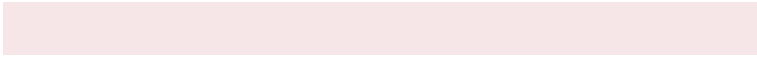
75.1351, 82.1373, 91.7234



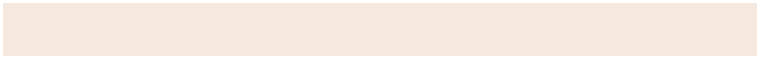
78.8646, 82.1373, 98.2165

Rectangle

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



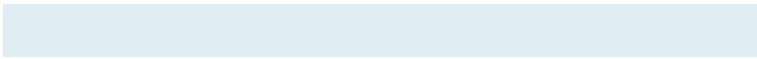
81.0784, 82.1373, 87.1821



79.3790, 82.1373, 81.6898



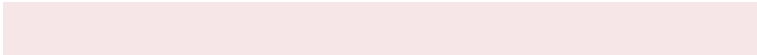
75.1351, 82.1373, 91.7234



76.7736, 82.1373, 97.6519

Sweetspot

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



81.0807, 82.1409, 87.1839



92.6811, 96.4837, 104.3444



83.0470, 82.8814, 99.6174



19.8624, 20.6883, 22.3817



0.0000, 0.0000, 0.0000



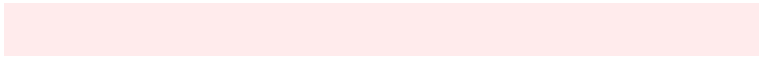
20.3446, 21.4041, 23.3091

Same Dimension

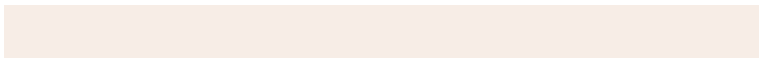
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0807, 82.1409, 87.1839



85.9445, 86.4921, 91.3659



83.0336, 86.2711, 87.1429



16.5385, 16.4982, 17.3163



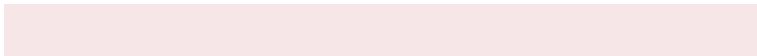
20.3460, 10.4818, 1.2646



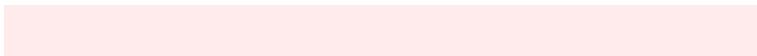
1.8018, 0.9267, 0.1826

Inverse Universe

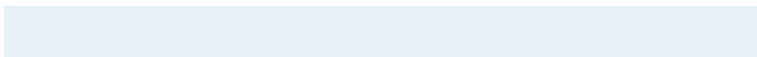
The Inverse Universe completely reimagines the original color for something new.



81.0807, 82.1409, 87.1839



85.9445, 86.4921, 91.3659



80.4769, 85.6459, 100.2865



16.5385, 16.4982, 17.3163



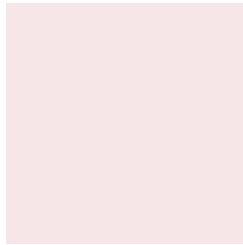
20.3460, 10.4818, 1.2646



1.8018, 0.9267, 0.1826

Previews

White Background



This preview shows how the XYZ color 81.0784, 82.1373, 87.1821 looks on a white background.

Color Contrast Check

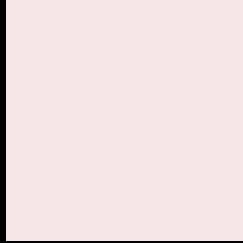
Large Text (above 18pt) WCAG AA × Fail

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 81.0784, 82.1373, 87.1821 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

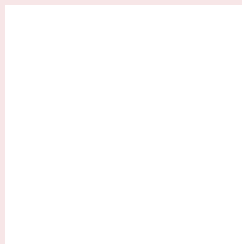
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0784, 82.1373, 87.1821

Background



This preview shows how black text looks on a background with the XYZ color 81.0784, 82.1373, 87.1821.



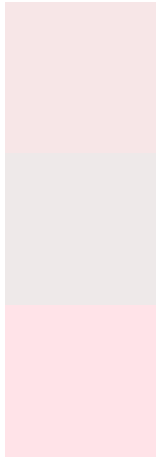
This preview shows how white text looks on a background with the XYZ color 81.0784, 82.1373,

87.1821.

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

81.0784, 82.1373, 87.1821

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

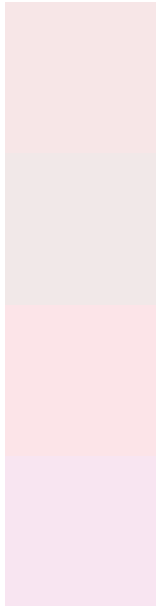
83.2746, 82.0244, 87.7872



Tritanopia

83.4449, 82.2804, 98.6725

Trichromacy



Original Color

81.0784, 82.1373, 87.1821

Protanomaly

79.6977, 82.2402, 88.0174

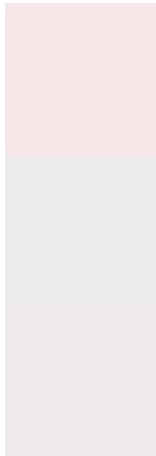
Deuteranomaly

82.4538, 82.0084, 87.8274

Tritanomaly

82.6079, 82.3460, 94.7595

Monochromacy



Original Color

81.0784, 82.1373, 87.1821

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.5868, 82.5691, 89.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0784, 82.1373, 87.1821 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(247, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.0784, 82.1373, 87.1821 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(247, 230, 231) }
```


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

```
.border{ border-color:rgb(247, 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(247, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0784, 82.1373, 87.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 231) }
```

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

```
.background{ background-color: rgb(247,  
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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