

Converting Colors

XYZ(81.0820, 82.1688, 86.5077)

Have a look what the booklet for
XYZ(81.0820, 82.1688, 86.5077)
contains.

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Color

**XYZ(80.9375, 82.0810,
86.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6E6
RGB	247, 230, 230
RGB Percent	97%, 90%, 90%
CMY	0.0314, 0.0980, 0.0980
CMYK	0.00, 0.07, 0.07, 0.03
HSL	0°, 52%, 94%
HSV	0°, 7%, 97%
XYZ	80.9375, 82.0810, 86.4403
YIQ	235.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

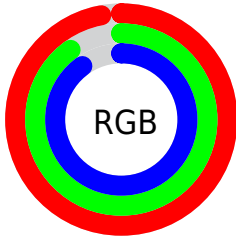
Format	Color
R _Y B	247, 230, 230
Decimal	16246502
CIE Lab	92.61, 5.77, 2.07
CIE LCh	93, 6.133, 19.731
Yxy	82.0810, 0.3245, 0.3290
Android (android.graphics.Color)	4294436582 (0xFFFF7E6E6)
YUV	235.0830, -2.5059, 10.4512
Hunter-Lab	90.5986, 0.9180, 6.8503

Details

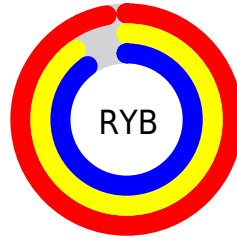
The XYZ color **80.9375, 82.0810, 86.4403** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6821, 90.0583, 101.0217**, and the grayscale version is **79.0439, 83.1603, 90.5616**.

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 **71.3201, 68.0089, 67.3167**, and if you desaturate by 10%, it is **92.0245, 98.3038, 108.4806**.

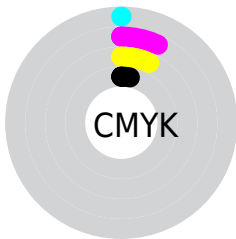
Distribution



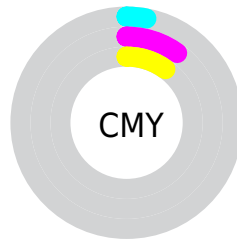
- Red (97%)
- Green (90%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9375, 82.0810, 86.4403 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 80.9375, 82.0810, 86.4403 by changing the saturation by 10% instead.


 80.9375, 82.0810,
86.4403

 80.9375, 82.0810,
86.4403


486.7752,
501.9186, 536.6503

 60.8012, 61.4323,
64.4751


133.6266,
136.2876, 144.2757

 44.3167, 44.5741,
46.5870


166.9102,
170.6143, 180.9831

 31.1186, 31.1221,
32.3573


205.3069,
210.2691, 223.4416

 20.8414, 20.6919,
21.3675

249.1822,
255.6364, 272.0698

 13.1199, 12.8990,
13.1990

298.9012,
307.1006, 327.2862

 7.5887, 7.3590,
7.4334

354.8295,

 3.8825, 3.6876,

365.0461, 389.5094

3.6521

417.3324,
429.8573, 459.1579

■ 1.6359, 1.5004,
1.4365

■ 0.4156, 0.2890,
0.1699

■ 80.9375, 82.0810,
86.4403

■ 80.9375, 82.0810,
86.4403

■ 71.3201, 68.0089,
67.3167

■ 92.0245, 98.3038,
108.4806

■ 63.1042, 55.9870,
50.9826

■ 92.1682, 98.5144,
108.7651

■ 56.2264, 45.9229,
37.3093

■ 50.6159, 37.7132,
26.1559

■ 46.1954, 31.2445,
17.3687

■ 42.8791, 26.3915,
10.7771

■ 40.5697, 23.0118,
6.1876

■ 39.1532, 20.9386,
3.3732

■ 38.4846, 19.9597,
2.0454

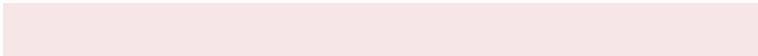
Harmonies

Analogous

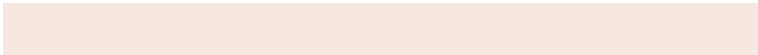
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0717, 82.0810, 90.9470



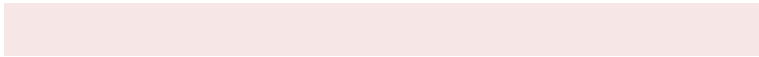
80.9375, 82.0810, 86.4403



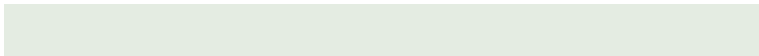
80.0143, 82.0810, 82.8379

Triad

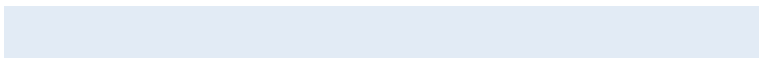
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9375, 82.0810, 86.4403



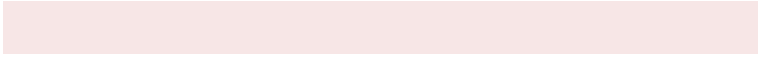
75.6992, 82.0810, 83.8154



77.4702, 82.0810, 98.2946

Complementary

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



80.9375, 82.0810, 86.4403



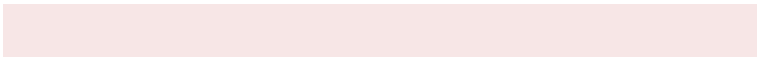
82.6821, 90.0583, 101.0217

Split Complementary

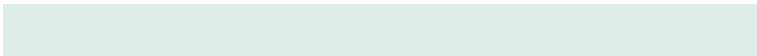
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0503, 82.0810, 96.2415



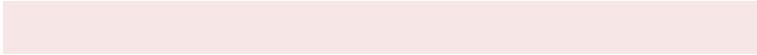
80.9375, 82.0810, 86.4403



75.0371, 82.0810, 87.8158

Square

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



80.9375, 82.0810, 86.4403



76.9849, 82.0810, 81.3585



75.1647, 82.0810, 92.3698



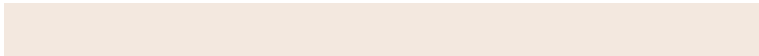
79.0553, 82.0810, 97.8957

Rectangle

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



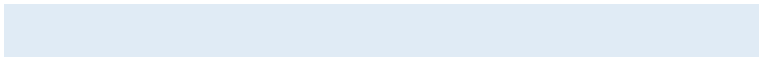
80.9375, 82.0810, 86.4403



79.0826, 82.0810, 81.3851



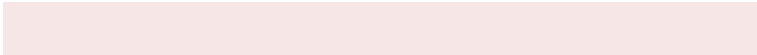
75.1647, 82.0810, 92.3698



76.9581, 82.0810, 97.8657

Sweetspot

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



80.9398, 82.0846, 86.4421



92.6346, 96.4657, 104.0977



83.4441, 83.0844, 99.6355



19.8529, 20.6846, 22.3315



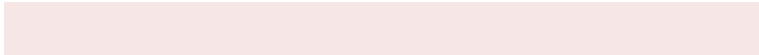
0.0000, 0.0000, 0.0000



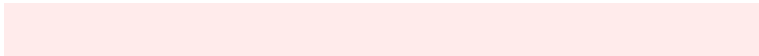
20.3446, 21.4041, 23.3091

Same Dimension

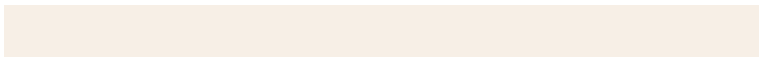
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9398, 82.0846, 86.4421



85.7731, 86.4259, 90.4557



83.3620, 86.9291, 87.2495



16.4995, 16.4832, 17.1095



20.2867, 10.4589, 0.9495



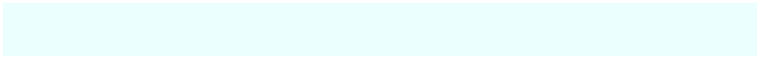
1.7831, 0.9195, 0.0835

Inverse Universe

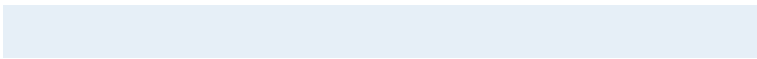
The Inverse Universe completely reimagines the original color for something new.



82.6821, 90.0583, 101.0217



87.9374, 96.3308, 108.5667



80.1430, 84.9802, 100.1754



16.9964, 18.7571, 21.2672



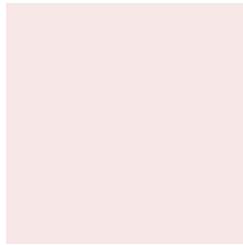
26.4594, 38.7126, 52.6157



2.3256, 3.4027, 4.6244

Previews

White Background



This preview shows how the XYZ color 80.9375, 82.0810, 86.4403 looks on a white background.

Color Contrast Check

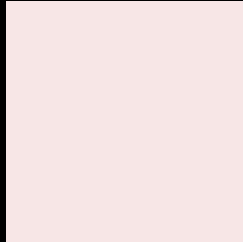
Large Text (above 18pt) WCAG AA × Fail

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 80.9375, 82.0810, 86.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

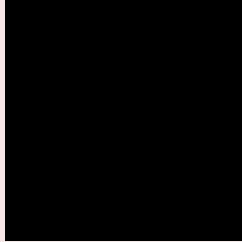
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

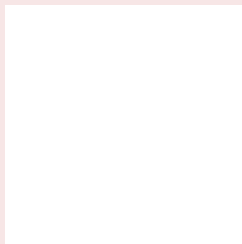
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9375, 82.0810, 86.4403

Background



This preview shows how black text looks on a background with the XYZ color 80.9375, 82.0810, 86.4403.



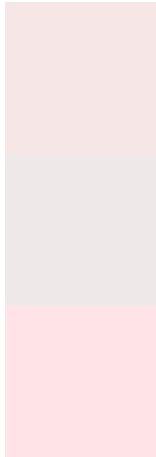
This preview shows how white text looks on a background with the XYZ color 80.9375, 82.0810,

86.4403.

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

80.9375, 82.0810, 86.4403

Protanopia

78.9643, 82.2812, 88.0639

Deuteranopia

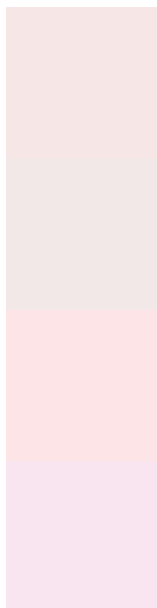
83.1329, 81.9677, 87.0411



Tritanopia

83.2918, 82.2191, 97.8661

Trichromacy



Original Color

80.9375, 82.0810, 86.4403

Protanomaly

79.5560, 82.1835, 87.2713

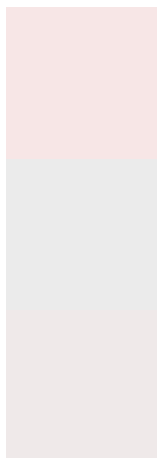
Deuteranomaly

82.3121, 81.9518, 87.0813

Tritanomaly

82.4589, 82.2864, 93.9749

Monochromacy



Original Color

80.9375, 82.0810, 86.4403

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4435, 82.5117, 88.8300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9375, 82.0810, 86.4403 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, 230) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 80.9375, 82.0810, 86.4403 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, 230) }
```


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

```
.border{ border-color:rgb(247, 230, 230) }
```

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, 230)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 80.9375, 82.0810, 86.4403 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, 230) }
```

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

```
.background{ background-color: rgb(247,  
230, 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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