

Converting Colors

XYZ(80.1358, 80.1022, 86.0179)

Have a look what the booklet for
XYZ(80.1358, 80.1022, 86.0179)
contains.

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Color

**XYZ(80.1907, 80.0623,
86.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E2E6
RGB	248, 226, 230
RGB Percent	97%, 89%, 90%
CMY	0.0274, 0.1137, 0.0980
CMYK	0.00, 0.09, 0.07, 0.03
HSL	349°, 61%, 93%
HSV	349°, 9%, 97%
XYZ	80.1907, 80.0623, 86.0900
YIQ	233.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

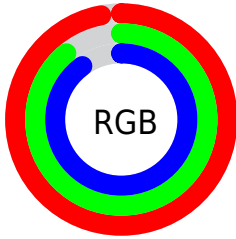
Format	Color
R _Y B	248, 226, 230
Decimal	16311014
CIE Lab	91.71, 8.18, 0.77
CIE LCh	92, 8.217, 5.399
Yxy	80.0623, 0.3255, 0.3250
Android (android.graphics.Color)	4294501094 (0xFF8E2E6)
YUV	233.0340, -1.4958, 13.1252
Hunter-Lab	89.4775, 3.3879, 5.5889

Details

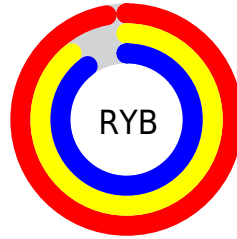
The XYZ color **80.1907, 80.0623, 86.0900** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2636, 89.8373, 98.6496**, and the grayscale version is **77.4843, 81.5195, 88.7747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0390, 43.4274, 46.6187** is the 20% darker color. If you saturate the color by 10%, you get **71.2428, 66.4645, 69.8554**, and if you desaturate by 10%, it is **90.4503, 95.7506, 104.4008**.

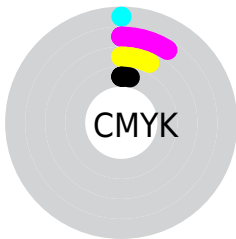
Distribution



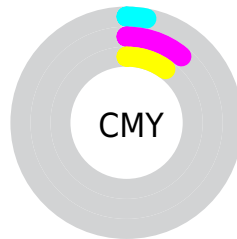
- Red (97%)
- Green (89%)
- Blue (90%)



- Red (97%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1907, 80.0623, 86.0900 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 80.1907, 80.0623, 86.0900 by changing the saturation by 10% instead.


 80.1907, 80.0623,
86.0900

 80.1907, 80.0623,
86.0900


484.3020,
495.1428, 535.4663

 60.1843, 59.7696,
64.1871


132.5829,
133.4533, 143.7827

 43.8172, 43.2330,
46.3551


165.6995,
167.3204, 180.4096

 30.7241, 30.0679,
32.1754


203.9168,
206.4812, 222.7816

 20.5397, 19.8902,
21.2296

247.6002,
251.3199, 271.3171

 12.8985, 12.3152,
13.0991

297.1150,
302.2211, 326.4348

 7.4352, 6.9587,
7.3653

352.8267,

 3.7845, 3.4363,

359.5690, 388.5533

3.6097

415.1006,
423.7481, 458.0909

■ 1.5809, 1.3635,
1.4138

■ 0.3799, 0.1896,
0.1524

■ 80.1907, 80.0623,
86.0900

■ 80.1907, 80.0623,
86.0900

■ 71.2428, 66.4645,
69.8554

■ 90.4503, 95.7506,
104.4008

■ 63.5470, 54.8587,
55.6184

■ 92.5219, 98.6967,
108.7817

■ 57.0486, 45.1543,
43.3027

■ 51.6868, 37.2494,
32.8252

■ 47.3949, 31.0329,
24.0966

■ 44.0993, 26.3809,
17.0201

■ 41.7169, 23.1525,
11.4892

■ 40.1504, 21.1816,
7.3842

■ 39.2625, 20.2256,
4.5609

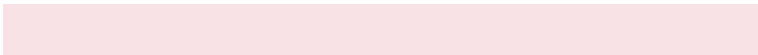
Harmonies

Analogous

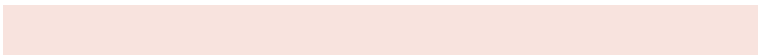
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8300, 80.0623, 92.0808



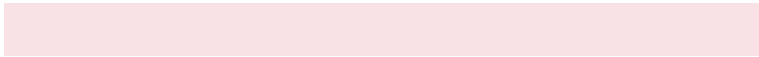
80.1907, 80.0623, 86.0900



79.4381, 80.0623, 80.6415

Triad

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



80.1907, 80.0623, 86.0900



73.7802, 80.0623, 78.0778



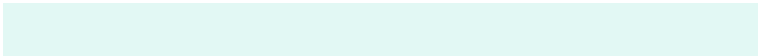
74.4271, 80.0623, 98.1245

Complementary

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



80.1907, 80.0623, 86.0900



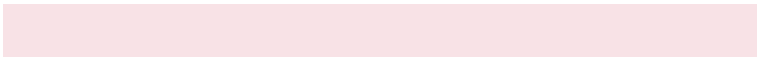
81.2636, 89.8373, 98.6496

Split Complementary

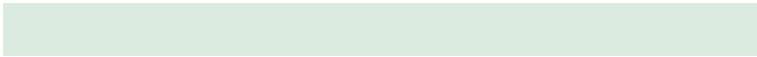
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8505, 80.0623, 94.0506



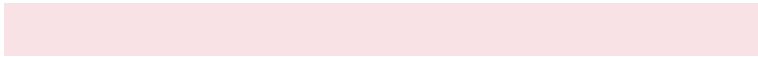
80.1907, 80.0623, 86.0900



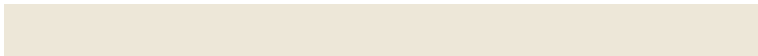
72.4819, 80.0623, 82.4451

Square

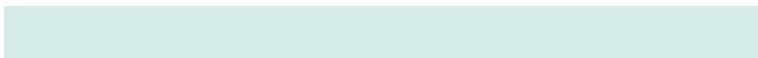
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1907, 80.0623, 86.0900



75.7173, 80.0623, 76.1539



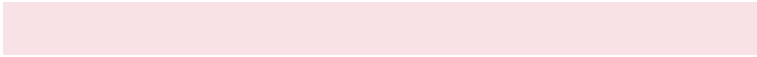
72.1447, 80.0623, 88.2675



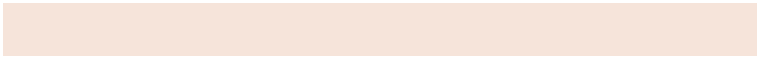
76.4776, 80.0623, 99.2096

Rectangle

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



80.1907, 80.0623, 86.0900



78.4144, 80.0623, 77.9920



72.1447, 80.0623, 88.2675



73.8253, 80.0623, 97.0503

Sweetspot

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



80.1930, 80.0658, 86.0917



91.6662, 94.8191, 102.8804



81.4388, 80.4008, 100.0347



19.4314, 20.0063, 21.6837



0.0000, 0.0000, 0.0000



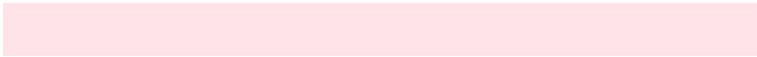
20.3446, 21.4041, 23.3091

Same Dimension

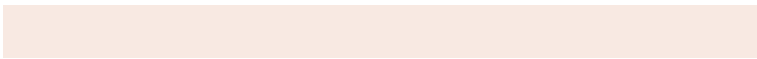
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1930, 80.0658, 86.0917



83.2674, 81.9996, 87.8168



81.5709, 83.7094, 83.8139



17.3734, 17.2767, 18.5558



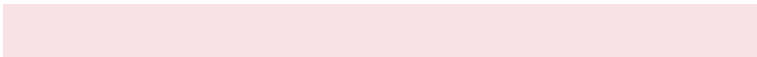
21.2047, 10.8976, 2.5205



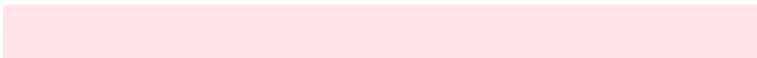
1.9979, 1.0229, 0.4123

Inverse Universe

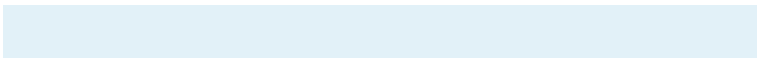
The Inverse Universe completely reimagines the original color for something new.



80.1930, 80.0658, 86.0917



83.2674, 81.9996, 87.8168



79.7753, 85.8790, 101.1797



17.3734, 17.2767, 18.5558



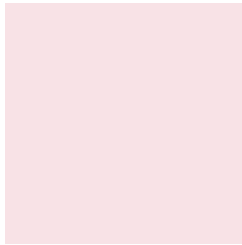
21.2047, 10.8976, 2.5205



1.9979, 1.0229, 0.4123

Previews

White Background



This preview shows how the XYZ color 80.1907, 80.0623, 86.0900 looks on a white background.

Color Contrast Check

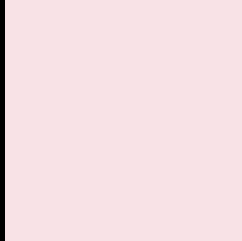
Large Text (above 18pt) WCAG AA × Fail

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 80.1907, 80.0623, 86.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

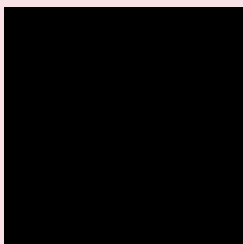
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1907, 80.0623, 86.0900

Background



This preview shows how black text looks on a background with the XYZ color 80.1907, 80.0623, 86.0900.



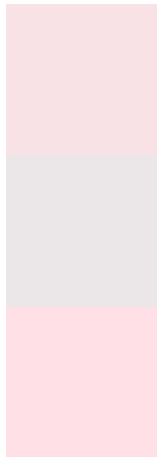
This preview shows how white text looks on a background with the XYZ color 80.1907, 80.0623,

86.0900.

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

80.1907, 80.0623, 86.0900

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

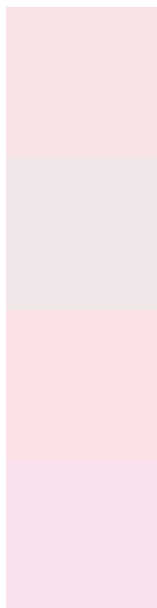
81.8116, 80.0953, 86.0109



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

80.1907, 80.0623, 86.0900

Protanomaly

78.3783, 80.3334, 86.9762

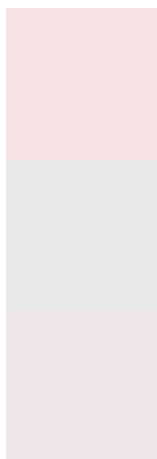
Deuteranomaly

81.3530, 80.2590, 86.0667

Tritanomaly

81.4248, 80.1632, 92.0704

Monochromacy



Original Color

80.1907, 80.0623, 86.0900

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1222, 80.5970, 87.7832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1907, 80.0623, 86.0900 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(248, 226, 230) looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 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(248, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.1907, 80.0623, 86.0900 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(248, 226, 230) }
```


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

```
.border{ border-color:rgb(248, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1907, 80.0623, 86.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 230) }
```

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

```
.background{ background-color: rgb(248,  
226, 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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