

Converting Colors

XYZ(80.4364, 81.6658, 86.1518)

Have a look what the booklet for
XYZ(80.4364, 81.6658, 86.1518)
contains.

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Color

**XYZ(80.5858, 81.8996,
86.4238)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E6E6
RGB	246, 230, 230
RGB Percent	96%, 90%, 90%
CMY	0.0353, 0.0980, 0.0980
CMYK	0.00, 0.07, 0.07, 0.04
HSL	0°, 47%, 93%
HSV	0°, 7%, 96%
XYZ	80.5858, 81.8996, 86.4238
YIQ	234.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

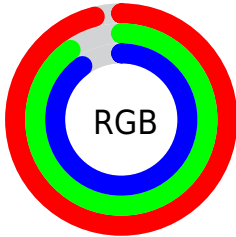
Format	Color
R _Y B	246, 230, 230
Decimal	16180966
CIE Lab	92.53, 5.43, 1.94
CIE LCh	93, 5.768, 19.698
Yxy	81.8996, 0.3238, 0.3290
Android (android.graphics.Color)	4294371046 (0xFF6E6E6E)
YUV	234.7840, -2.3585, 9.8364
Hunter-Lab	90.4984, 0.5761, 6.7284

Details

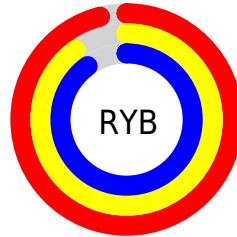
The XYZ color **80.5858, 81.8996, 86.4238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2234, 89.3870, 100.1097**, and the grayscale version is **78.8156, 82.9201, 90.3000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3030, 44.7022, 46.8508** is the 20% darker color. If you saturate the color by 10%, you get **71.0045, 67.8803, 67.3719**, and if you desaturate by 10%, it is **91.6249, 98.0522, 108.3688**.

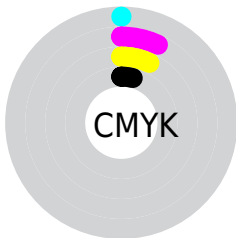
Distribution



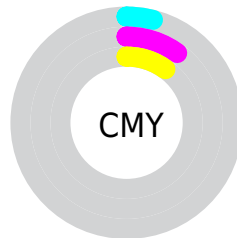
- Red (96%)
- Green (90%)
- Blue (90%)



- Red (96%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5858, 81.8996, 86.4238 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 80.5858, 81.8996, 86.4238 by changing the saturation by 10% instead.

80.5858, 81.8996,
86.4238

80.5858, 81.8996,
86.4238

485.6114,
501.3118, 536.5946

60.5106, 61.2828,
64.4616

133.1352,
136.0332, 144.2525

44.0814, 44.4534,
46.5761

166.3402,
170.3188, 180.9561

30.9327, 31.0271,
32.3487

204.6525,
209.9294, 223.4105

20.6992, 20.6195,
21.3610

248.4375,
255.2494, 272.0344

13.0155, 12.8462,
13.1943

298.0605,
306.6633, 327.2461

7.5163, 7.3227,
7.4302

353.8869,

3.8362, 3.6647,

364.5554, 389.4644

3.6501

416.2821,
429.3101, 459.1077

■ 1.6099, 1.4878,
1.4354

■ 0.3988, 0.2801,
0.1691

■ 80.5858, 81.8996,
86.4238

■ 80.5858, 81.8996,
86.4238

■ 71.0045, 67.8803,
67.3719

■ 91.6249, 98.0522,
108.3688

■ 62.8136, 55.8950,
51.0874

■ 91.8165, 98.3331,
108.7487

■ 55.9505, 45.8525,
37.4434

■ 50.3454, 37.6506,
26.3007

■ 45.9219, 31.1777,
17.5077

■ 42.5956, 26.3100,
10.8961

■ 40.2706, 22.9075,
6.2755

■ 38.8348, 20.8060,
3.4227

■ 38.1477, 19.8000,
2.0581

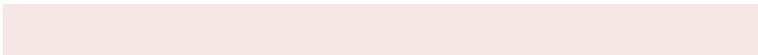
Harmonies

Analogous

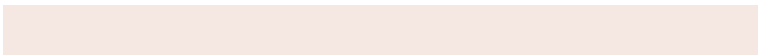
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7108, 81.8996, 90.6578



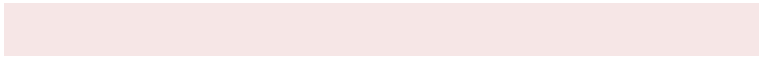
80.5858, 81.8996, 86.4238



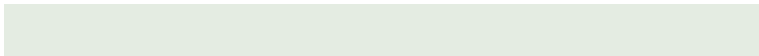
79.7206, 81.8996, 83.0320

Triad

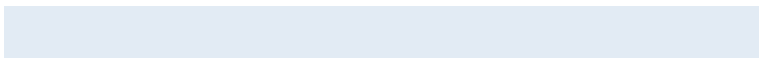
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5858, 81.8996, 86.4238



75.6676, 81.8996, 83.9461



77.3293, 81.8996, 97.5373

Complementary

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



80.5858, 81.8996, 86.4238



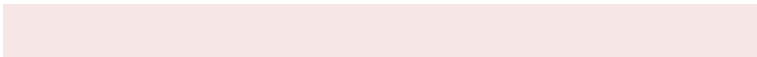
82.2234, 89.3870, 100.1097

Split Complementary

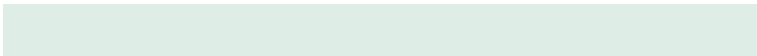
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9954, 81.8996, 95.6133



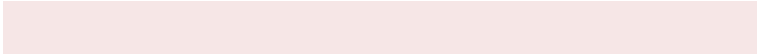
80.5858, 81.8996, 86.4238



75.0442, 81.8996, 87.7080

Square

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



80.5858, 81.8996, 86.4238



76.8765, 81.8996, 81.6335



75.1634, 81.8996, 91.9834



78.8178, 81.8996, 97.1666

Rectangle

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



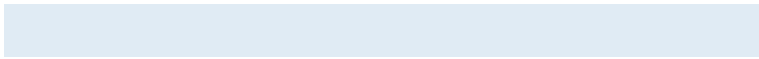
80.5858, 81.8996, 86.4238



78.8465, 81.8996, 81.6616



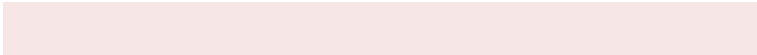
75.1634, 81.8996, 91.9834



76.8482, 81.8996, 97.1351

Sweetspot

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



80.5881, 81.9032, 86.4256



92.6346, 96.4658, 104.0977



82.9386, 82.8415, 98.8086



19.8529, 20.6846, 22.3315



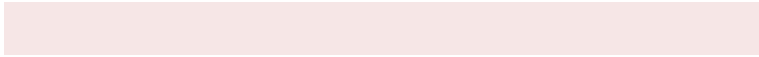
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

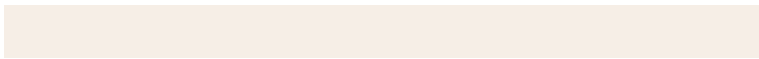
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5881, 81.9032, 86.4256



85.7731, 86.4259, 90.4558



82.8647, 86.4563, 87.1844



16.4995, 16.4832, 17.1095



20.2867, 10.4589, 0.9496



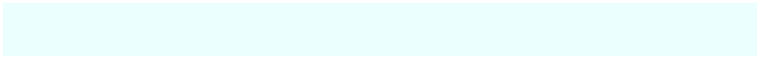
1.7831, 0.9195, 0.0835

Inverse Universe

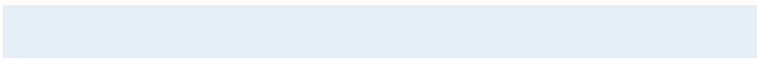
The Inverse Universe completely reimagines the original color for something new.



82.2234, 89.3870, 100.1097



87.9373, 96.3308, 108.5667



79.8434, 84.6271, 99.3164



16.9964, 18.7571, 21.2672



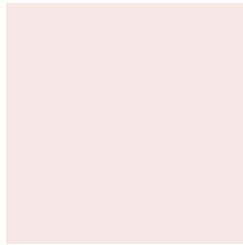
26.4593, 38.7124, 52.6157



2.3256, 3.4027, 4.6244

Previews

White Background



This preview shows how the XYZ color 80.5858, 81.8996, 86.4238 looks on a white background.

Color Contrast Check

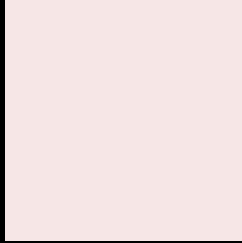
Large Text (above 18pt) WCAG AA × Fail

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 80.5858, 81.8996, 86.4238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

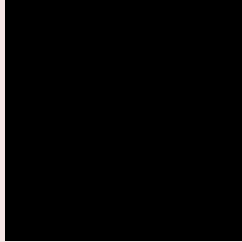
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

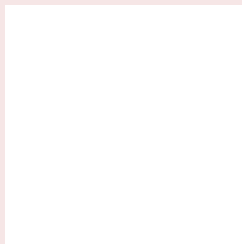
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5858, 81.8996, 86.4238

Background



This preview shows how black text looks on a background with the XYZ color 80.5858, 81.8996, 86.4238.



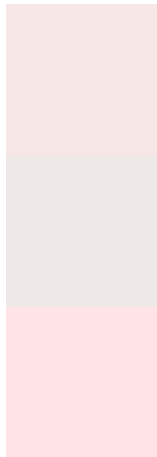
This preview shows how white text looks on a background with the XYZ color 80.5858, 81.8996,

86.4238.

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

80.5858, 81.8996, 86.4238

Protanopia

78.5403, 81.6599, 87.2237

Deuteranopia

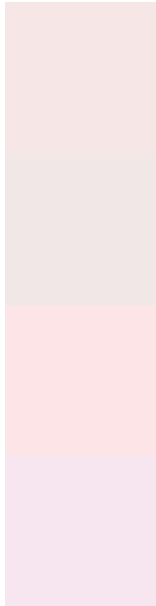
83.1329, 81.9677, 87.0411



Tritanopia

82.9362, 82.0358, 97.8495

Trichromacy



Original Color

80.5858, 81.8996, 86.4238

Protanomaly

79.2753, 81.6221, 87.1777

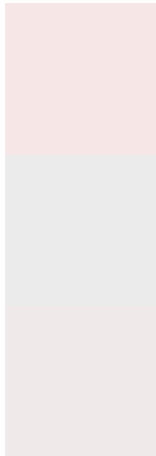
Deuteranomaly

82.3121, 81.9518, 87.0813

Tritanomaly

82.1053, 82.1041, 93.9583

Monochromacy



Original Color

80.5858, 81.8996, 86.4238

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 80.5858, 81.8996, 86.4238 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(246, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.5858, 81.8996, 86.4238 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(246, 230, 230) }
```


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

```
.border{ border-color:rgb(246, 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(246, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5858, 81.8996, 86.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 230) }
```

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

```
.background{ background-color: rgb(246,  
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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