

Converting Colors

XYZ(81.0367, 82.5486, 86.5210)

Have a look what the booklet for
XYZ(81.0367, 82.5486, 86.5210)
contains.

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Color

**XYZ(80.8649, 82.4578,
86.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E7E6
RGB	246, 231, 230
RGB Percent	96%, 91%, 90%
CMY	0.0353, 0.0941, 0.0980
CMYK	0.00, 0.06, 0.07, 0.04
HSL	4°, 47%, 93%
HSV	4°, 7%, 96%
XYZ	80.8649, 82.4578, 86.5168
YIQ	235.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

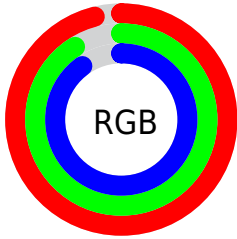
Format	Color
R _Y B	246, 231, 230
Decimal	16181222
CIE Lab	92.78, 4.92, 2.30
CIE LCh	93, 5.428, 25.092
Yxy	82.4578, 0.3237, 0.3300
Android (android.graphics.Color)	4294371302 (0xFF6E7E6)
YUV	235.3710, -2.6479, 9.3216
Hunter-Lab	90.8063, 0.0470, 7.0751

Details

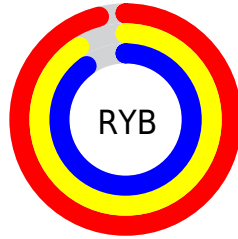
The XYZ color **80.8649, 82.4578, 86.5168** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9200, 88.7803, 100.0086**, and the grayscale version is **79.2649, 83.3928, 90.8148**.

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 **71.6181, 69.1074, 67.5764**, and if you desaturate by 10%, it is **91.4540, 97.7104, 108.3118**.

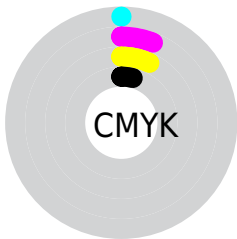
Distribution



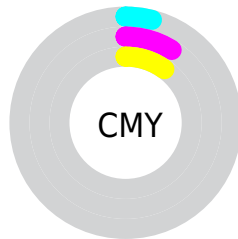
- Red (96%)
- Green (91%)
- Blue (90%)



- Red (96%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8649, 82.4578, 86.5168 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 80.8649, 82.4578, 86.5168 by changing the saturation by 10% instead.

 80.8649, 82.4578,
86.5168

 80.8649, 82.4578,
86.5168


486.5351,
503.1777, 536.9087

 60.7412, 61.7430,
64.5381


133.5252,
136.8158, 144.3834

 44.2681, 44.8250,
46.6376


166.7926,
171.2278, 181.1083

 31.0802, 31.3196,
32.3970

205.1719,
210.9742, 223.5857

 20.8120, 20.8424,
21.3976

249.0285,
256.4396, 272.2341

 13.0983, 13.0088,
13.2209

298.7278,
308.0082, 327.4721

 7.5738, 7.4346,
7.4483

354.6351,

 3.8729, 3.7354,

366.0645, 389.7181

3.6613

417.1157,
430.9929, 459.3908

■ 1.6305, 1.5267,
1.4415

■ 0.4122, 0.3074,
0.1737

■ 80.8649, 82.4578,
86.5168

■ 80.8649, 82.4578,
86.5168

■ 71.6181, 69.1074,
67.5764

■ 91.4540, 97.7104,
108.3118

■ 63.6533, 57.5744,
51.3673

■ 91.8165, 98.3331,
108.7487

■ 56.9160, 47.7835,
37.7652

■ 51.3451, 39.6500,
26.6340

■ 46.8741, 33.0820,
17.8251

■ 43.4301, 27.9790,
11.1743

■ 40.9312, 24.2285,
6.4957

■ 39.2827, 21.7017,
3.5720

■ 38.3701, 20.2448,
2.1323

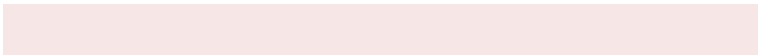
Harmonies

Analogous

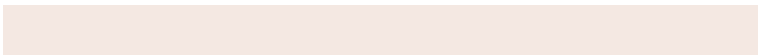
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1173, 82.4578, 90.4512



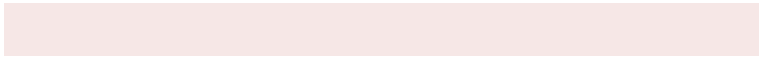
80.8649, 82.4578, 86.5168



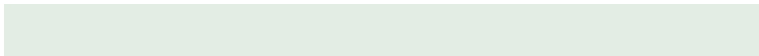
79.9418, 82.4578, 83.5397

Triad

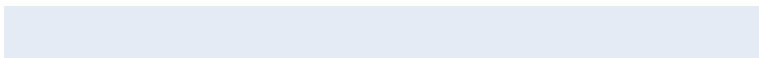
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8649, 82.4578, 86.5168



76.1624, 82.4578, 85.3946



78.1410, 82.4578, 97.7763

Complementary

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



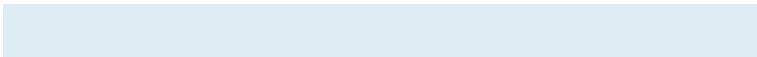
80.8649, 82.4578, 86.5168



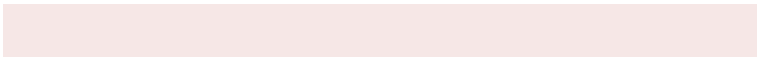
81.9200, 88.7803, 100.0086

Split Complementary

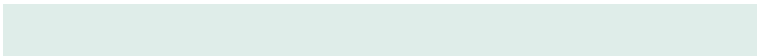
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8262, 82.4578, 96.3289



80.8649, 82.4578, 86.5168



75.6926, 82.4578, 89.1172

Square

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



80.8649, 82.4578, 86.5168



77.2249, 82.4578, 82.9056



75.9341, 82.4578, 93.1294



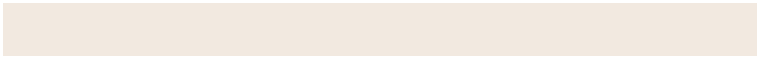
79.5338, 82.4578, 97.0296

Rectangle

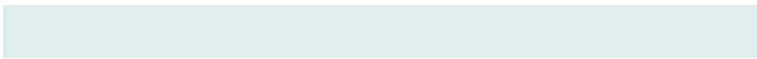
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



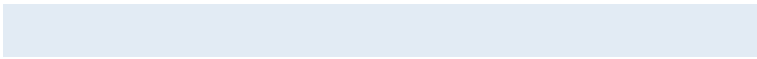
80.8649, 82.4578, 86.5168



79.0761, 82.4578, 82.4575



75.9341, 82.4578, 93.1294



77.6754, 82.4578, 97.5290

Sweetspot

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



80.8672, 82.4614, 86.5186



92.7337, 96.6639, 104.1307



82.8160, 82.7925, 98.1632



19.8731, 20.7250, 22.3382



0.0000, 0.0000, 0.0000



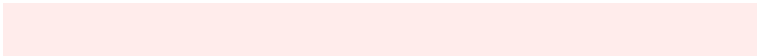
20.3446, 21.4041, 23.3091

Same Dimension

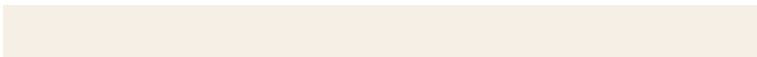
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8672, 82.4614, 86.5186



86.1387, 87.1571, 90.5776



83.0981, 86.9232, 87.2622



16.5826, 16.6493, 17.1372



20.4138, 10.7132, 0.9919



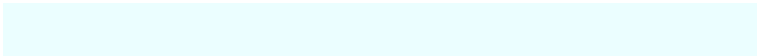
1.8229, 0.9991, 0.0968

Inverse Universe

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



81.9200, 88.7803, 100.0086



87.5319, 95.5200, 108.4315



79.6110, 84.1623, 99.2389



16.9024, 18.5692, 21.2359



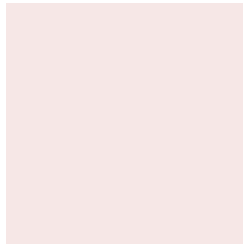
24.1053, 34.0044, 51.8311



2.1451, 3.0416, 4.5643

Previews

White Background



This preview shows how the XYZ color 80.8649, 82.4578, 86.5168 looks on a white background.

Color Contrast Check

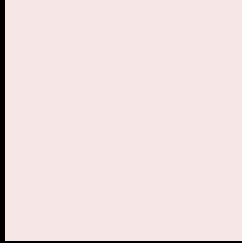
Large Text (above 18pt) WCAG AA × Fail

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 80.8649, 82.4578, 86.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

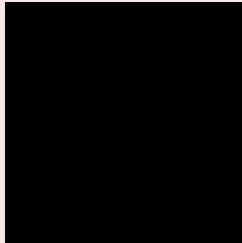
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

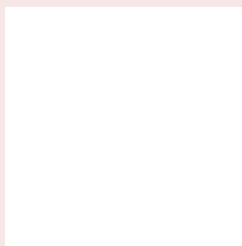
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8649, 82.4578, 86.5168

Background



This preview shows how black text looks on a background with the XYZ color 80.8649, 82.4578, 86.5168.



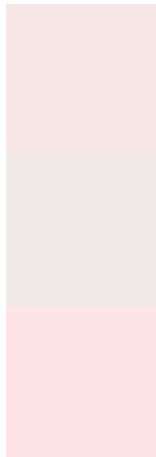
This preview shows how white text looks on a background with the XYZ color 80.8649, 82.4578,

86.5168.

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

80.8649, 82.4578, 86.5168

Protanopia

79.1593, 82.3981, 87.3336

Deuteranopia

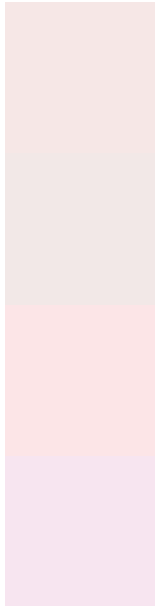
83.4072, 82.5163, 87.1325



Tritanopia

83.0894, 82.0971, 98.6558

Trichromacy



Original Color

80.8649, 82.4578, 86.5168

Protanomaly

79.8984, 82.3600, 87.2873

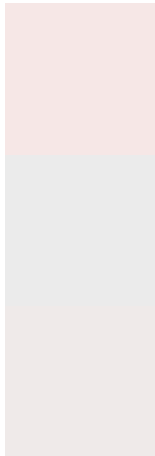
Deuteranomaly

82.5880, 82.5036, 87.1732

Tritanomaly

82.1053, 82.1041, 93.9583

Monochromacy



Original Color

80.8649, 82.4578, 86.5168

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7274, 83.0796, 88.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8649, 82.4578, 86.5168 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, 231, 230) looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 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, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.8649, 82.4578, 86.5168 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, 231, 230) }
```


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

```
.border{ border-color:rgb(246, 231, 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, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8649, 82.4578, 86.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 230) }
```

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

```
.background{ background-color: rgb(246,  
231, 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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