

Converting Colors

XYZ(80.3550, 80.9212, 84.6531)

Have a look what the booklet for
XYZ(80.3550, 80.9212, 84.6531)
contains.

XYZ(80.4584, 81.0447, 84.8014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.4584, 81.0447,
84.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E4E4
RGB	248, 228, 228
RGB Percent	97%, 89%, 89%
CMY	0.0274, 0.1059, 0.1059
CMYK	0.00, 0.08, 0.08, 0.03
HSL	0°, 59%, 93%
HSV	0°, 8%, 97%
XYZ	80.4584, 81.0447, 84.8014
YIQ	233.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

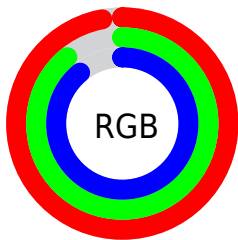
Format	Color
R _Y B	248, 228, 228
Decimal	16311524
CIE Lab	92.15, 6.81, 2.46
CIE LCh	92, 7.244, 19.827
Yxy	81.0447, 0.3267, 0.3290
Android (android.graphics.Color)	4294501604 (0xFF8E4E4)
YUV	233.9800, -2.9481, 12.2955
Hunter-Lab	90.0248, 1.9884, 7.1675

Details

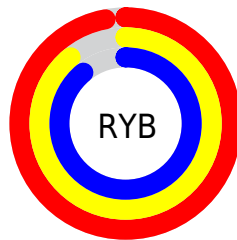
The XYZ color **80.4584, 81.0447, 84.8014** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5054, 90.4046, 101.9092**, and the grayscale version is **78.2088, 82.2818, 89.6049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2246, 44.1107, 45.7185** is the 20% darker color. If you saturate the color by 10%, you get **70.9212, 67.0897, 65.8376**, and if you desaturate by 10%, it is **91.4723, 97.1607, 106.6958**.

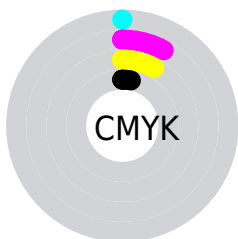
Distribution



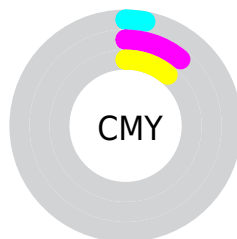
- Red (97%)
- Green (89%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (3%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.4584, 81.0447, 84.8014 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 80.4584, 81.0447, 84.8014 by changing the saturation by 10% instead.


 80.4584, 81.0447,
84.8014

 80.4584, 81.0447,
84.8014


485.1894,
498.4466, 531.0981

 60.4054, 60.5784,
63.1281


132.9572,
134.8335, 141.9674

 43.9962, 43.8850,
45.5032


166.1337,
168.9249, 178.2971

 30.8654, 30.5801,
31.5081


204.4153,
208.3267, 220.3494

 20.6477, 20.2793,
20.7244

248.1676,
253.4233, 268.5428

 12.9777, 12.5983,
12.7334

297.7558,
304.5993, 323.2958

 7.4901, 7.1525,
7.1167

353.5452,

 3.8195, 3.5577,

362.2389, 385.0270

3.4556

415.9013,
426.7265, 454.1549

■ 1.6005, 1.4293,
1.3317

■ 0.3928, 0.2382,
0.0876

■ 80.4584, 81.0447,
84.8014

■ 80.4584, 81.0447,
84.8014

■ 70.9212, 67.0897,
65.8376

■ 91.4723, 97.1607,
106.6958

■ 62.7914, 55.1939,
49.6751

■ 92.5218, 98.6967,
108.7817

■ 56.0046, 45.2629,
36.1829

■ 50.4885, 37.1912,
25.2172

■ 46.1641, 30.8632,
16.6211

■ 42.9435, 26.1503,
10.2197

■ 40.7270, 22.9065,
5.8144

■ 39.3965, 20.9592,
3.1708

■ 38.7908, 20.0725,
1.9677

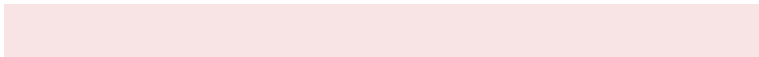
Harmonies

Analogous

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



80.6195, 81.0447, 90.0730



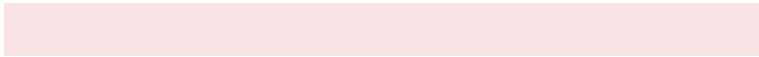
80.4584, 81.0447, 84.8014



79.3705, 81.0447, 80.6165

Triad

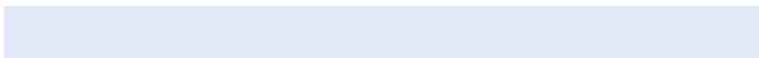
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4584, 81.0447, 84.8014



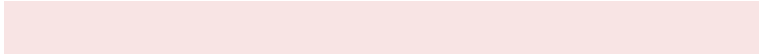
74.3191, 81.0447, 81.7742



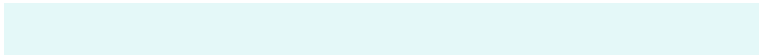
76.3980, 81.0447, 98.7588

Complementary

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



80.4584, 81.0447, 84.8014



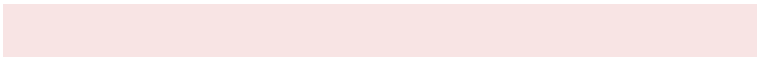
82.5054, 90.4046, 101.9092

Split Complementary

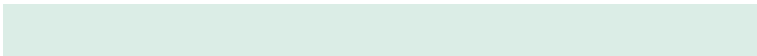
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7371, 81.0447, 96.3379



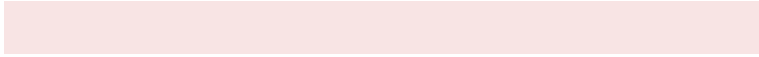
80.4584, 81.0447, 84.8014



73.5497, 81.0447, 86.4398

Square

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



80.4584, 81.0447, 84.8014



75.8190, 81.0447, 78.9182



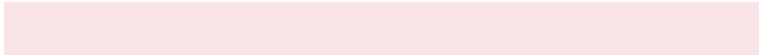
73.7015, 81.0447, 91.7783



78.2550, 81.0447, 98.2768

Rectangle

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



80.4584, 81.0447, 84.8014



78.2756, 81.0447, 78.9380



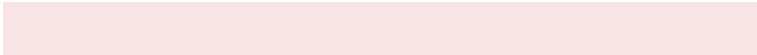
73.7015, 81.0447, 91.7783



75.7987, 81.0447, 98.2539

Sweetspot

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



80.4607, 81.0483, 84.8031



92.6345, 96.4656, 104.0977



83.3991, 82.2218, 100.2827



19.8529, 20.6846, 22.3315



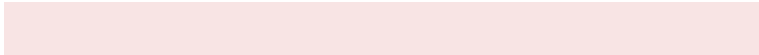
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

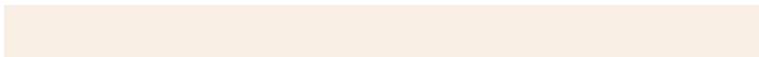
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4607, 81.0483, 84.8031



83.6122, 83.2639, 86.1600



83.2906, 86.7081, 85.7464



17.2450, 17.2258, 17.8784



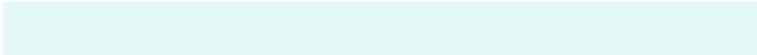
20.9124, 10.7814, 0.9788



1.9369, 0.9987, 0.0907

Inverse Universe

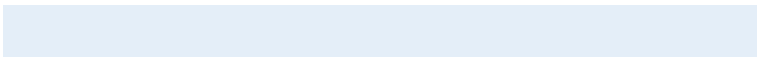
The Inverse Universe completely reimagines the original color for something new.



82.5054, 90.4046, 101.9092



86.2812, 95.4769, 108.4891



79.5138, 84.4215, 100.9121



17.7656, 19.6080, 22.2337



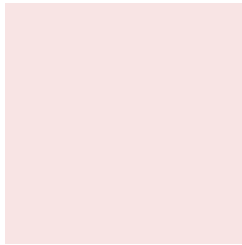
27.2773, 39.9102, 54.2393



2.5264, 3.6966, 5.0235

Previews

White Background



This preview shows how the XYZ color 80.4584, 81.0447, 84.8014 looks on a white background.

Color Contrast Check

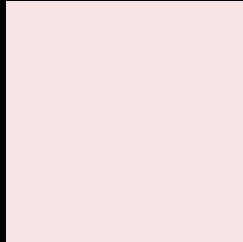
Large Text (above 18pt) WCAG AA × Fail

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 80.4584, 81.0447, 84.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

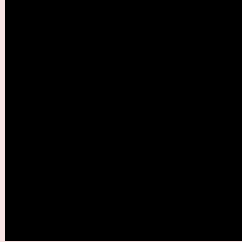
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

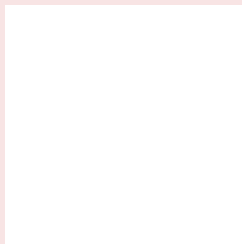
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.4584, 81.0447, 84.8014

Background



This preview shows how black text looks on a background with the XYZ color 80.4584, 81.0447, 84.8014.



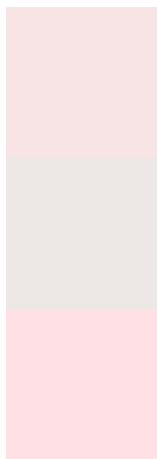
This preview shows how white text looks on a background with the XYZ color 80.4584, 81.0447,

84.8014.

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

80.4584, 81.0447, 84.8014

Protanopia

77.7839, 80.8695, 86.3726

Deuteranopia

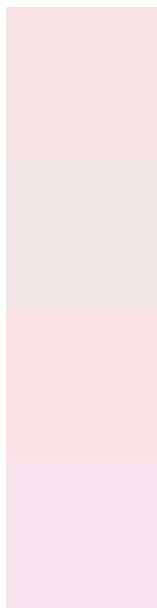
82.3081, 80.7676, 85.3803



Tritanopia

82.7984, 81.1878, 96.1009

Trichromacy



Original Color

80.4584, 81.0447, 84.8014

Protanomaly

78.7153, 80.9515, 85.6052

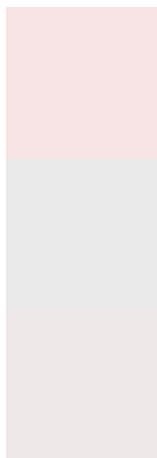
Deuteranomaly

81.4841, 80.7453, 85.4195

Tritanomaly

81.9686, 81.2510, 92.2517

Monochromacy



Original Color

80.4584, 81.0447, 84.8014

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.0187, 81.8901, 87.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4584, 81.0447, 84.8014 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, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 80.4584, 81.0447, 84.8014 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, 228, 228) }
```


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

```
.border{ border-color:rgb(248, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4584, 81.0447, 84.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 228) }
```

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

```
.background{ background-color: rgb(248,  
228, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor