

Converting Colors

XYZ(81.5544, 83.8749, 87.5723)

Have a look what the booklet for
XYZ(81.5544, 83.8749, 87.5723)
contains.

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Color

**XYZ(81.5028, 84.0276,
87.5246)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5EAE7 |
| RGB | 245, 234, 231 |
| RGB Percent | 96%, 92%, 91% |
| CMY | 0.0392, 0.0823, 0.0941 |
| CMYK | 0.00, 0.04, 0.06, 0.04 |
| HSL | 13°, 41%, 93% |
| HSV | 13°, 6%, 96% |
| XYZ | 81.5028, 84.0276, 87.5246 |
| YIQ | 236.9470, 7.5190, 1.3990 |

Conversions

Conversions Part 2

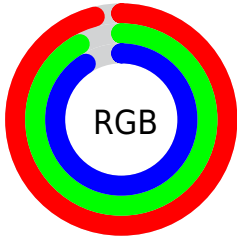
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 245, 235, 231 |
| Decimal | 16116455 |
| CIE Lab | 93.46, 3.20, 2.77 |
| CIE LCh | 93, 4.233, 40.844 |
| Yxy | 84.0276, 0.3221, 0.3321 |
| Android (android.graphics.Color) | 4294306535 (0xFF5EAE7) |
| YUV | 236.9470, -2.9319, 7.0625 |
| Hunter-Lab | 91.6666, -1.7081, 7.5556 |

Details

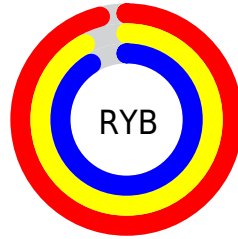
The XYZ color **81.5028, 84.0276, 87.5246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1885, 87.0844, 98.9171**, and the grayscale version is **80.4753, 84.6663, 92.2016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6445, 45.7548, 47.0360** is the 20% darker color. If you saturate the color by 10%, you get **73.0984, 72.3736, 68.8293**, and if you desaturate by 10%, it is **90.9104, 97.0403, 108.5469**.

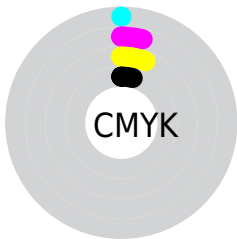
Distribution



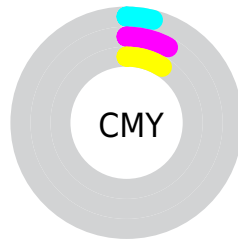
- Red (96%)
- Green (92%)
- Blue (91%)



- Red (96%)
- Yellow (92%)
- Blue (91%)



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



- Cyan (4%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5028, 84.0276, 87.5246 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 81.5028, 84.0276, 87.5246 by changing the saturation by 10% instead.

81.5028, 84.0276,
87.5246

81.5028, 84.0276,
87.5246

488.6428,
508.4049, 540.3061

61.2685, 63.0382,
65.3673

134.4160,
139.0138, 145.8004

44.6953, 45.8721,
47.3058

167.8256,
173.7794, 182.7561

31.4177, 32.1449,
32.9214

206.3577,
213.9058, 225.4816

21.0705, 21.4722,
21.7956

250.3776,
259.7776, 274.3955

13.2883, 13.4696,
13.5099

300.2507,
311.7789, 329.9164

7.7057, 7.7527,
7.6458

356.3424,

3.9575, 3.9371,

370.2943, 392.4627

3.7846

419.0180,
435.7082, 462.4531

■ 1.6781, 1.6385,
1.5079

■ 0.4425, 0.3833,
0.2238

■ 81.5028, 84.0276,
87.5246

■ 81.5028, 84.0276,
87.5246

■ 73.0984, 72.3736,
68.8293

■ 90.9104, 97.0403,
108.5469

■ 65.7322, 62.0539,
52.7699

■ 91.4666, 98.1527,
108.7323

■ 59.3651, 53.0238,
39.2289

■ 53.9532, 45.2319,
28.0777

■ 49.4488, 38.6234,
19.1764

■ 45.8002, 33.1394,
12.3703

■ 42.9500, 28.7156,
7.4850

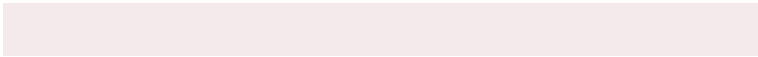
■ 40.8334, 25.2807,
4.3177

■ 39.3734, 22.7541,
2.6184

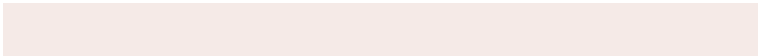
Harmonies

Analogous

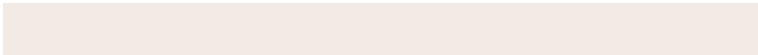
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9954, 84.0276, 90.3385



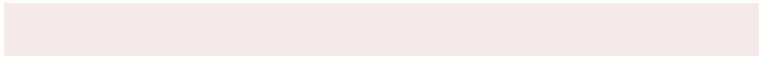
81.5028, 84.0276, 87.5246



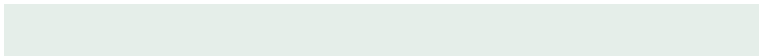
80.5731, 84.0276, 85.7991

Triad

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



81.5028, 84.0276, 87.5246



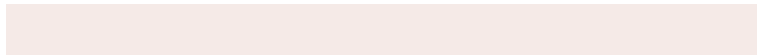
77.8525, 84.0276, 89.4866



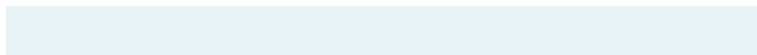
80.2708, 84.0276, 97.6718

Complementary

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



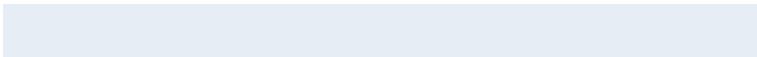
81.5028, 84.0276, 87.5246



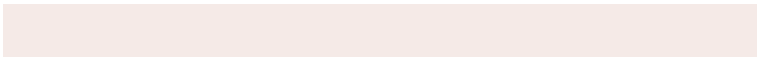
81.1885, 87.0844, 98.9171

Split Complementary

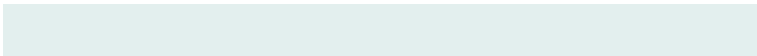
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1625, 84.0276, 97.4308



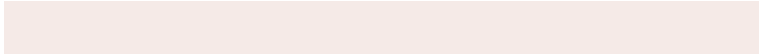
81.5028, 84.0276, 87.5246



77.7732, 84.0276, 92.6548

Square

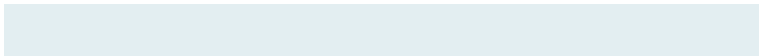
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5028, 84.0276, 87.5246



78.4682, 84.0276, 86.9135



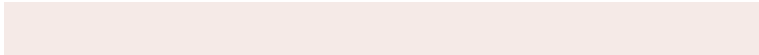
78.2507, 84.0276, 95.5770



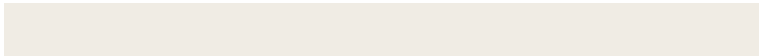
81.2797, 84.0276, 96.2280

Rectangle

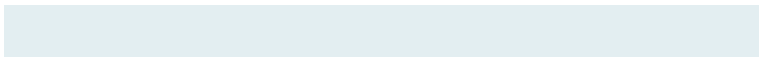
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5028, 84.0276, 87.5246



79.8340, 84.0276, 85.4736



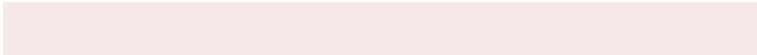
78.2507, 84.0276, 95.5770



79.8974, 84.0276, 97.7860

Sweetspot

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



81.5052, 84.0313, 87.5264



92.9751, 97.1467, 104.2112



82.2903, 82.9884, 95.8443



19.9223, 20.8233, 22.3546



0.0000, 0.0000, 0.0000



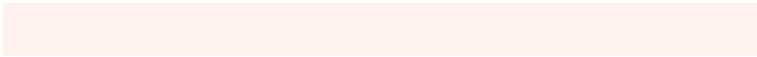
20.3446, 21.4041, 23.3091

Same Dimension

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



81.5052, 84.0313, 87.5264



87.9975, 90.2822, 93.0239



83.4772, 87.9754, 88.1838



17.1390, 17.5455, 17.9906



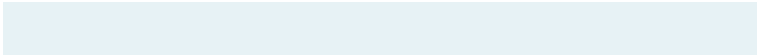
21.0431, 11.9718, 1.2017



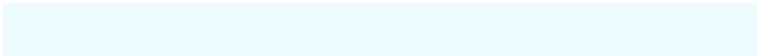
1.9216, 1.1965, 0.1297

Inverse Universe

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



81.1885, 87.0844, 98.9171



87.5754, 94.3508, 108.2035



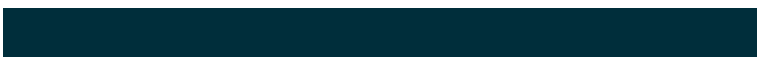
79.2032, 83.1140, 98.2554



17.0499, 18.4048, 21.1964



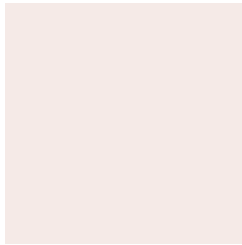
19.1894, 24.1726, 50.1924



1.7599, 2.2712, 4.4359

Previews

White Background



This preview shows how the XYZ color 81.5028, 84.0276, 87.5246 looks on a white background.

Color Contrast Check

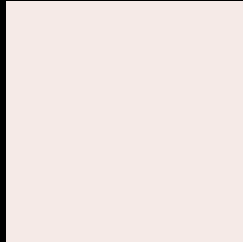
Large Text (above 18pt) WCAG AA × Fail

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 81.5028, 84.0276, 87.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

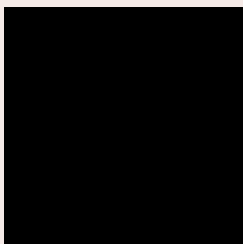
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

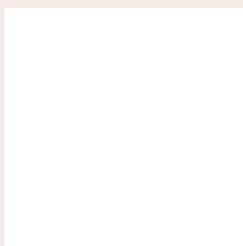
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5028, 84.0276, 87.5246

Background



This preview shows how black text looks on a background with the XYZ color 81.5028, 84.0276, 87.5246.



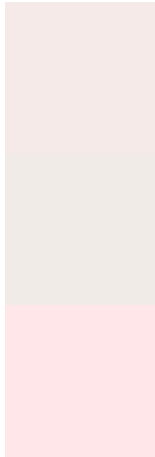
This preview shows how white text looks on a background with the XYZ color 81.5028, 84.0276,

87.5246.

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

81.5028, 84.0276, 87.5246

Protanopia

80.5494, 83.9436, 88.3013

Deuteranopia

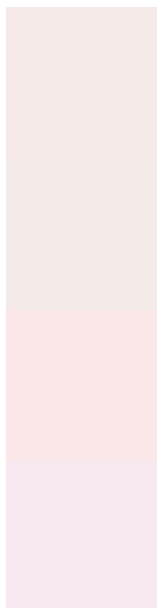
84.2448, 83.7368, 88.8134



Tritanopia

84.3862, 83.9478, 101.3785

Trichromacy



Original Color

81.5028, 84.0276, 87.5246

Protanomaly

80.8918, 84.1201, 88.3173

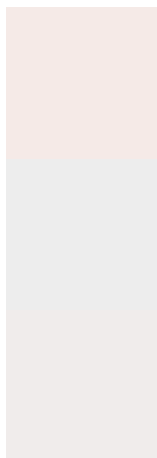
Deuteranomaly

82.9251, 83.4873, 88.0880

Tritanomaly

83.2414, 83.8982, 95.8111

Monochromacy



Original Color

81.5028, 84.0276, 87.5246

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9260, 84.5143, 90.6449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5028, 84.0276, 87.5246 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(245, 234, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 231)  
}
```

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(245, 234, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 231) }
```

Border

The CSS property to change the border of an element to XYZ 81.5028, 84.0276, 87.5246 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(245, 234, 231) }
```


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

```
.border{ border-color:rgb(245, 234, 231) }
```

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

Here you see how a box with a 4 pixel rgb(245, 234, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5028, 84.0276, 87.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 231) }
```

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

```
.background{ background-color: rgb(245,  
234, 231) }
```

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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