

Converting Colors

XYZ(81.7247, 82.5191, 85.0192)

Have a look what the booklet for
XYZ(81.7247, 82.5191, 85.0192)
contains.

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Color

**XYZ(81.7247, 82.5191,
85.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6E4
RGB	250, 230, 228
RGB Percent	98%, 90%, 89%
CMY	0.0196, 0.0980, 0.1059
CMYK	0.00, 0.08, 0.09, 0.02
HSL	5°, 69%, 94%
HSV	5°, 9%, 98%
XYZ	81.7247, 82.5191, 85.0192
YIQ	235.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

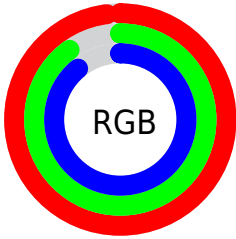
Format	Color
R _Y B	250, 230, 228
Decimal	16443108
CIE Lab	92.80, 6.47, 3.42
CIE LCh	93, 7.323, 27.874
Yxy	82.5191, 0.3279, 0.3311
Android (android.graphics.Color)	4294633188 (0xFFFAE6E4)
YUV	235.7520, -3.8217, 12.4955
Hunter-Lab	90.8400, 1.6184, 8.0972

Details

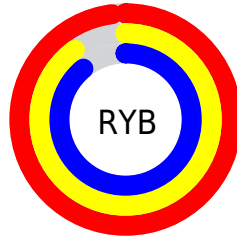
The XYZ color **81.7247, 82.5191, 85.0192** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8172, 90.5290, 103.5521**, and the grayscale version is **79.5627, 83.7061, 91.1560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8651, 45.0145, 45.8592** is the 20% darker color. If you saturate the color by 10%, you get **72.5860, 69.3994, 66.0706**, and if you desaturate by 10%, it is **92.1941, 97.4952, 106.8892**.

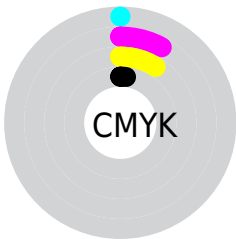
Distribution



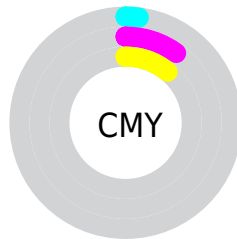
- Red (98%)
- Green (90%)
- Blue (89%)



- Red (98%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7247, 82.5191, 85.0192 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 81.7247, 82.5191, 85.0192 by changing the saturation by 10% instead.


 81.7247, 82.5191,
85.0192

 81.7247, 82.5191,
85.0192


489.3748,
503.3824, 531.8378

 61.4520, 61.7935,
63.3070


134.7257,
136.9017, 142.2744

 44.8439, 44.8659,
45.6470


168.1847,
171.3275, 178.6545

 31.5353, 31.3518,
31.6207

206.7698,
211.0889, 220.7610

 21.1606, 20.8669,
20.8095

250.8464,
256.5702, 269.0123

 13.3546, 13.0267,
12.7950

300.7799,
308.1558, 323.8272

 7.7518, 7.4470,
7.1585

356.9355,

 3.9870, 3.7432,

366.2301, 385.6240

3.4814

419.6787,
431.1775, 454.8214

■ 1.6948, 1.5310,
1.3454

■ 0.4530, 0.3104,
0.0986

■ 81.7247, 82.5191,
85.0192

■ 81.7247, 82.5191,
85.0192

■ 72.5860, 69.3994,
66.0706

■ 92.1941, 97.4952,
106.8892

■ 64.7181, 58.0534,
49.9147

■ 93.2347, 99.0642,
108.8150

■ 58.0667, 48.4083,
36.4209

■ 52.5707, 40.3820,
25.4462

■ 48.1640, 33.8856,
16.8343

■ 44.7736, 28.8216,
10.4112

■ 42.3174, 25.0815,
5.9791

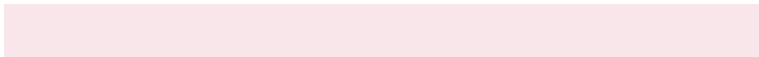
■ 40.7006, 22.5407,
3.3043

■ 39.7997, 21.0479,
2.0511

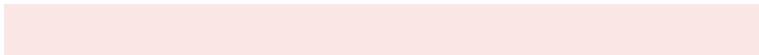
Harmonies

Analogous

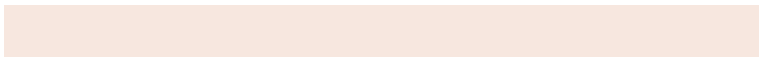
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1610, 82.5191, 90.2402



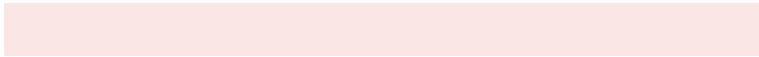
81.7247, 82.5191, 85.0192



80.4020, 82.5191, 81.2297

Triad

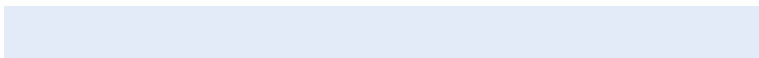
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7247, 82.5191, 85.0192



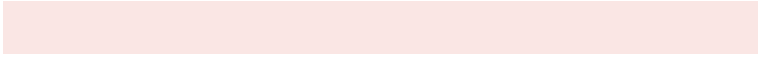
75.3615, 82.5191, 84.3691



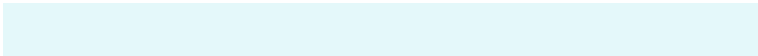
78.2957, 82.5191, 100.7796

Complementary

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



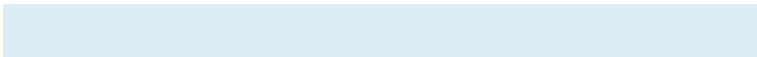
81.7247, 82.5191, 85.0192



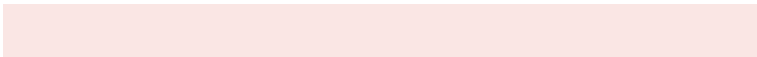
82.8172, 90.5290, 103.5521

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.



76.4943, 82.5191, 99.0580



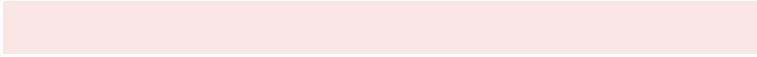
81.7247, 82.5191, 85.0192



74.8175, 82.5191, 89.4594

Square

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



81.7247, 82.5191, 85.0192



76.7268, 82.5191, 80.8653



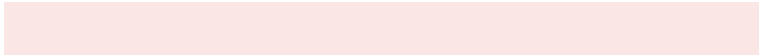
75.2288, 82.5191, 94.8589



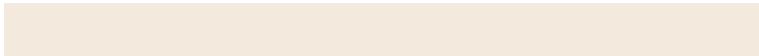
80.1622, 82.5191, 99.4752

Rectangle

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



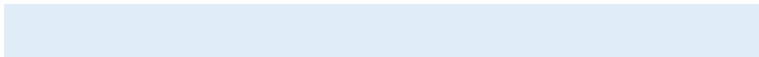
81.7247, 82.5191, 85.0192



79.2062, 82.5191, 79.9496



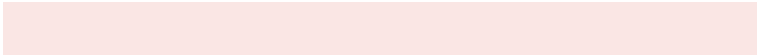
75.2288, 82.5191, 94.8589



77.6627, 82.5191, 100.5341

Sweetspot

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



81.7270, 82.5227, 85.0210



91.6644, 95.1608, 101.8158



84.1378, 82.5996, 100.4521



19.4309, 20.0980, 21.3977



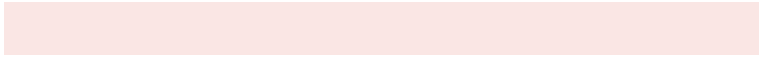
0.0000, 0.0000, 0.0000



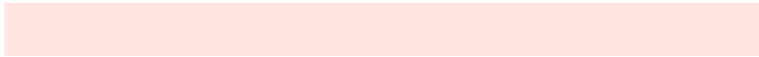
20.3446, 21.4041, 23.3091

Same Dimension

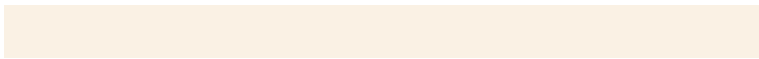
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7270, 82.5227, 85.0210



83.2577, 83.1223, 84.2929



84.8348, 88.7384, 86.0569



17.3717, 17.4794, 17.9207



21.1154, 11.1874, 1.0465



1.9973, 1.1195, 0.1108

Inverse Universe

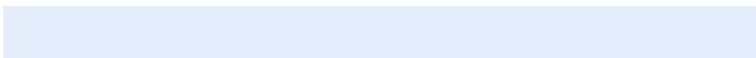
The Inverse Universe completely reimagines the original color for something new.



82.8172, 90.5290, 103.5521



84.6628, 93.4429, 108.1818



79.5837, 84.0621, 102.4743



17.6227, 19.3222, 22.1860



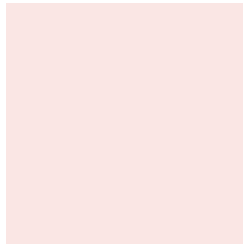
23.8115, 32.9785, 53.0841



2.2437, 3.1311, 4.9293

Previews

White Background



This preview shows how the XYZ color 81.7247, 82.5191, 85.0192 looks on a white background.

Color Contrast Check

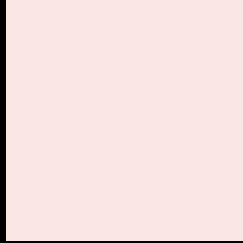
Large Text (above 18pt) WCAG AA × Fail

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 81.7247, 82.5191, 85.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

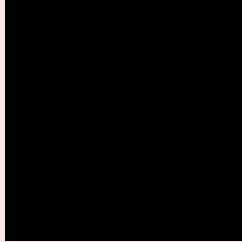
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

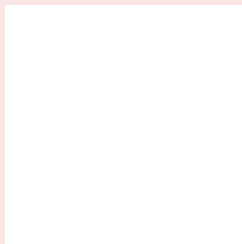
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7247, 82.5191, 85.0192

Background



This preview shows how black text looks on a background with the XYZ color 81.7247, 82.5191, 85.0192.



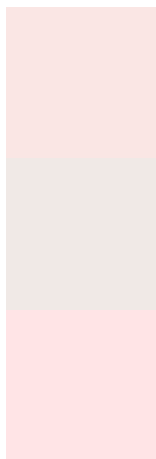
This preview shows how white text looks on a background with the XYZ color 81.7247, 82.5191,

85.0192.

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

81.7247, 82.5191, 85.0192

Protanopia

79.3570, 82.5163, 86.6076

Deuteranopia

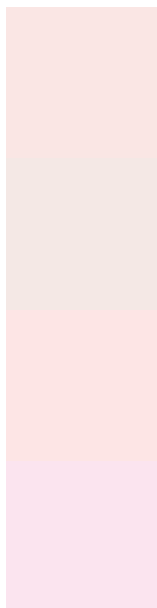
83.2663, 82.4600, 86.3907



Tritanopia

84.0954, 82.2262, 97.8251

Trichromacy



Original Color

81.7247, 82.5191, 85.0192

Protanomaly

80.3077, 82.6035, 85.8401

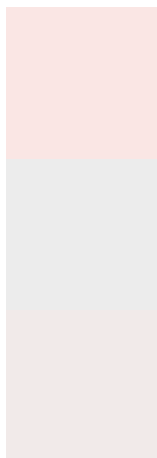
Deuteranomaly

82.6702, 82.5784, 85.7108

Tritanomaly

83.1071, 82.2280, 93.1527

Monochromacy



Original Color

81.7247, 82.5191, 85.0192

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4064, 83.4296, 88.9564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7247, 82.5191, 85.0192 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(250, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 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(250, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 81.7247, 82.5191, 85.0192 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(250, 230, 228) }
```


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

```
.border{ border-color:rgb(250, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7247, 82.5191, 85.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 228) }
```

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

```
.background{ background-color: rgb(250,  
230, 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](#).

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

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