

Converting Colors

XYZ(82.8585, 83.3063, 90.6692)

Have a look what the booklet for
XYZ(82.8585, 83.3063, 90.6692)
contains.

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Color

**XYZ(82.9957, 83.4740,
90.3350)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FAE7EB |
| RGB | 250, 231, 235 |
| RGB Percent | 98%, 91%, 92% |
| CMY | 0.0196, 0.0941, 0.0784 |
| CMYK | 0.00, 0.08, 0.06, 0.02 |
| HSL | 347°, 66%, 94% |
| HSV | 347°, 8%, 98% |
| XYZ | 82.9957, 83.4740, 90.3350 |
| YIQ | 237.1370, 10.0400, 5.2720 |

Conversions

Conversions Part 2

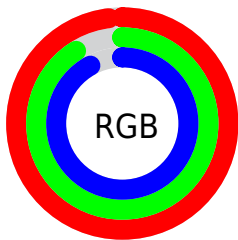
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 250, 231, 235 |
| Decimal | 16443371 |
| CIE Lab | 93.22, 7.12, 0.38 |
| CIE LCh | 93, 7.134, 3.081 |
| Yxy | 83.4740, 0.3232, 0.3250 |
| Android (android.graphics.Color) | 4294633451 (0xFFFAE7EB) |
| YUV | 237.1370, -1.0535, 11.2809 |
| Hunter-Lab | 91.3641, 2.2633, 5.3327 |

Details

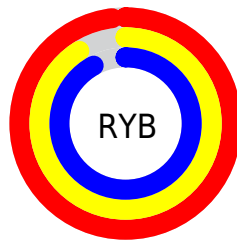
The XYZ color **82.9957, 83.4740, 90.3350** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7784, 92.0162, 100.5387**, and the grayscale version is **80.6062, 84.8040, 92.3516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4590, 45.2521, 48.9864** is the 20% darker color. If you saturate the color by 10%, you get **73.7968, 69.3893, 73.9694**, and if you desaturate by 10%, it is **93.1935, 99.0477, 108.5973**.

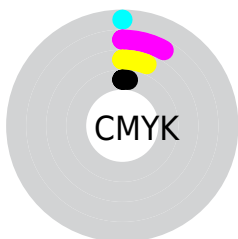
Distribution



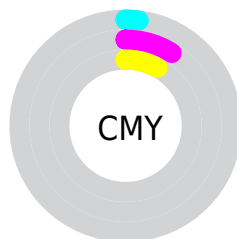
- Red (98%)
- Green (91%)
- Blue (92%)



- Red (98%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (2%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9957, 83.4740, 90.3350 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 82.9957, 83.4740, 90.3350 by changing the saturation by 10% instead.


 82.9957, 83.4740,
90.3350

 82.9957, 83.4740,
90.3350


493.5563,
506.5649, 549.7182

 62.5035, 62.5813,
67.6832


136.4980,
138.2391, 149.7432

 45.6968, 45.5025,
49.1750


170.2388,
172.8803, 187.3368

 32.2102, 31.8534,
34.3917


209.1265,
212.8731, 230.7480

 21.6785, 21.2496,
22.9149

253.5265,
258.6019, 280.3954

 13.7361, 13.3066,
14.3260

303.8041,
310.4511, 336.6976

 8.0178, 7.6400,
8.2064

360.3248,

 4.1583, 3.8655,

368.8050, 400.0731

4.1376

423.4537,
434.0482, 470.9405

■ 1.7921, 1.5986,
1.7012

■ 0.5129, 0.3566,
0.3615

■ 82.9957, 83.4740,
90.3350

■ 82.9957, 83.4740,
90.3350

■ 73.7968, 69.3893,
73.9694

■ 93.1935, 99.0477,
108.5973

■ 65.8590, 57.3379,
59.5340

■ 93.2349, 99.0643,
108.8151

■ 59.1287, 47.2288,
46.9585

■ 53.5457, 38.9598,
36.1663

■ 49.0443, 32.4194,
27.0751

■ 45.5523, 27.4837,
19.5962

■ 42.9882, 24.0126,
13.6325

■ 41.2570, 21.8413,
9.0755

■ 40.2368, 20.7533,
5.7991

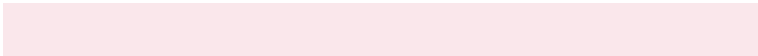
Harmonies

Analogous

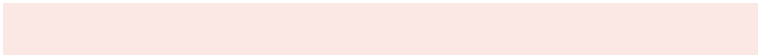
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5990, 83.4740, 95.6460



82.9957, 83.4740, 90.3350



82.4001, 83.4740, 85.3669

Triad

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



82.9957, 83.4740, 90.3350



77.3872, 83.4740, 82.5061



77.7179, 83.4740, 100.4135

Complementary

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



82.9957, 83.4740, 90.3350



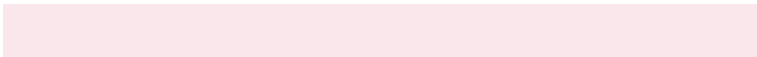
83.7784, 92.0162, 100.5387

Split Complementary

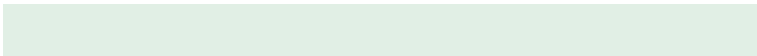
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3558, 83.4740, 96.6442



82.9957, 83.4740, 90.3350



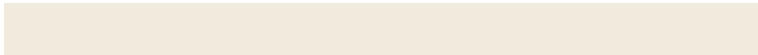
76.1670, 83.4740, 86.2924

Square

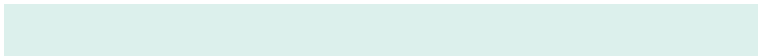
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9957, 83.4740, 90.3350



79.1459, 83.4740, 80.9601



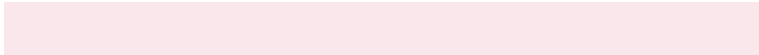
75.7923, 83.4740, 91.4453



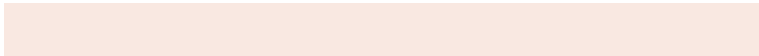
79.5335, 83.4740, 101.5982

Rectangle

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



82.9957, 83.4740, 90.3350



81.5258, 83.4740, 82.8786



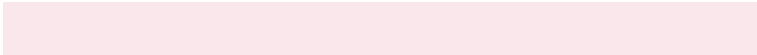
75.7923, 83.4740, 91.4453



77.1927, 83.4740, 99.3995

Sweetspot

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



82.9981, 83.4776, 90.3368



92.8028, 96.5324, 104.9857



83.7991, 83.6295, 102.1691



19.8872, 20.6982, 22.5123



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.



82.9981, 83.4776, 90.3368



85.3789, 85.1086, 91.9546



83.9568, 86.3087, 87.8399



17.3940, 17.2849, 18.6644



21.2897, 10.9316, 2.9681



2.0086, 1.0272, 0.4689

Inverse Universe

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



82.9981, 83.4776, 90.3368



85.3789, 85.1086, 91.9546



82.7498, 88.9669, 103.2546



17.3940, 17.2849, 18.6644



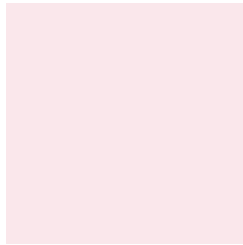
21.2897, 10.9316, 2.9681



2.0086, 1.0272, 0.4689

Previews

White Background



This preview shows how the XYZ color 82.9957, 83.4740, 90.3350 looks on a white background.

Color Contrast Check

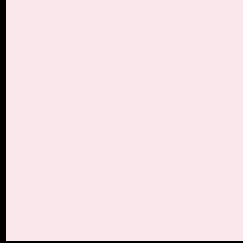
Large Text (above 18pt) WCAG AA × Fail

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 82.9957, 83.4740, 90.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

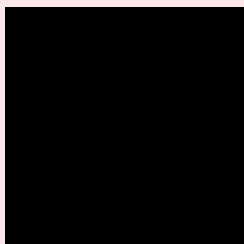
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

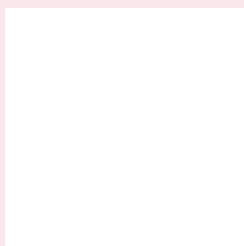
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9957, 83.4740, 90.3350

Background



This preview shows how black text looks on a background with the XYZ color 82.9957, 83.4740, 90.3350.



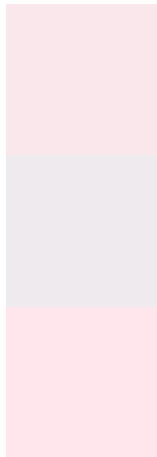
This preview shows how white text looks on a background with the XYZ color 82.9957, 83.4740,

90.3350.

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

82.9957, 83.4740, 90.3350

Protanopia

80.3055, 83.3108, 91.9688

Deuteranopia

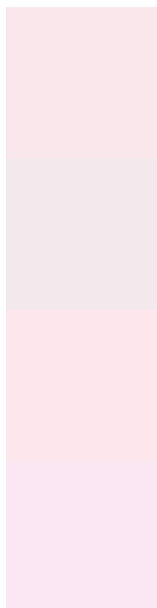
84.3996, 83.3548, 90.9976



Tritanopia

84.9527, 83.4495, 99.6256

Trichromacy



Original Color

82.9957, 83.4740, 90.3350

Protanomaly

81.2414, 83.3886, 91.1706

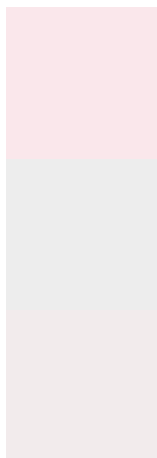
Deuteranomaly

83.9451, 83.5324, 91.0559

Tritanomaly

84.2581, 83.5739, 96.4845

Monochromacy



Original Color

82.9957, 83.4740, 90.3350

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4666, 84.3500, 91.3443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9957, 83.4740, 90.3350 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, 231, 235) looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 235)  
}
```

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, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.9957, 83.4740, 90.3350 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, 231, 235) }
```


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

```
.border{ border-color:rgb(250, 231, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9957, 83.4740, 90.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 235) }
```

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

```
.background{ background-color: rgb(250,  
231, 235) }
```

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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