

Converting Colors

XYZ(83.6137, 85.5220, 93.6114)

Have a look what the booklet for
XYZ(83.6137, 85.5220, 93.6114)
contains.

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Color

**XYZ(83.6461, 85.4228,
93.7410)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F7EBEF |
| RGB | 247, 235, 239 |
| RGB Percent | 97%, 92%, 94% |
| CMY | 0.0314, 0.0784, 0.0627 |
| CMYK | 0.00, 0.05, 0.03, 0.03 |
| HSL | 340°, 43%, 95% |
| HSV | 340°, 5%, 97% |
| XYZ | 83.6461, 85.4228, 93.7410 |
| YIQ | 239.0440, 5.8680, 3.7880 |

Conversions

Conversions Part 2

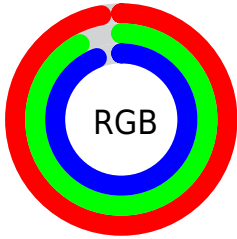
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 247, 235, 239 |
| Decimal | 16247791 |
| CIE Lab | 94.07, 4.73, -0.50 |
| CIE LCh | 94, 4.759, 354.027 |
| Yxy | 85.4228, 0.3183, 0.3250 |
| Android (android.graphics.Color) | 4294437871 (0xFFFF7EBEF) |
| YUV | 239.0440, -0.0217, 6.9774 |
| Hunter-Lab | 92.4245, -0.1965, 4.5626 |

Details

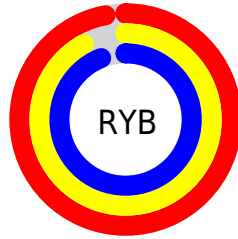
The XYZ color **83.6461, 85.4228, 93.7410** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7026, 90.6570, 97.8854**, and the grayscale version is **82.0774, 86.3518, 94.0371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1532, 46.7355, 51.3881** is the 20% darker color. If you saturate the color by 10%, you get **74.7363, 71.3210, 79.3071**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

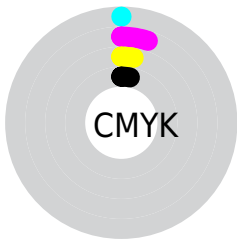
Distribution



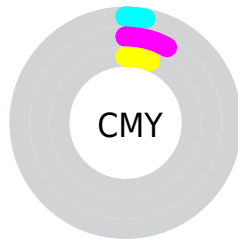
- Red (97%)
- Green (92%)
- Blue (94%)



- Red (97%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6461, 85.4228, 93.7410 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 83.6461, 85.4228, 93.7410 by changing the saturation by 10% instead.


 83.6461, 85.4228,
93.7410

 83.6461, 85.4228,
93.7410

495.6887,
513.0261, 561.0076

 63.0420, 64.1908,
70.4965


137.4038,
140.9637, 154.5047

 46.1340, 46.8052,
51.4521


171.2882,
176.0415, 192.8609

 32.5566, 32.8817,
36.1893


210.3300,
216.5032, 237.0914

 21.9446, 22.0358,
24.2896

254.8947,
262.7334, 287.6148

 13.9326, 13.8832,
15.3344

305.3475,
315.1163, 344.8496

 8.1552, 8.0395,
8.9052

362.0539,

 4.2470, 4.1202,

374.0365, 409.2142

4.5834

425.3792,
439.8783, 481.1274

■ 1.8428, 1.7410,
1.9506

■ 0.5433, 0.4500,
0.5246

■ 83.6461, 85.4228,
93.7410

■ 83.6461, 85.4228,
93.7410

■ 74.7363, 71.3210,
79.3071

■ 92.1683, 98.5144,
108.7651

■ 66.9817, 59.1852,
66.3224

■ 60.3355, 48.9307,
54.7420

■ 54.7451, 40.4621,
44.5167

■ 50.1531, 33.6759,
35.5941

■ 46.4967, 28.4577,
27.9180

■ 43.7055, 24.6786,
21.4278

■ 41.6981, 22.1891,
16.0567

■ 40.3761, 20.8058,
11.7291

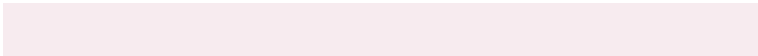
Harmonies

Analogous

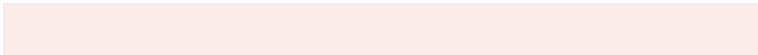
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1852, 85.4228, 97.1820



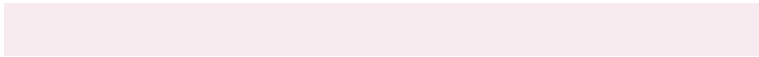
83.6461, 85.4228, 93.7410



83.4439, 85.4228, 90.1909

Triad

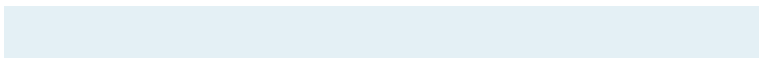
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6461, 85.4228, 93.7410



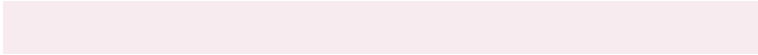
80.2011, 85.4228, 86.7652



79.7651, 85.4228, 98.7894

Complementary

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



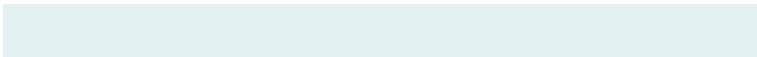
83.6461, 85.4228, 93.7410



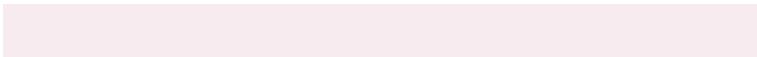
83.7026, 90.6570, 97.8854

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.



78.9806, 85.4228, 95.8891



83.6461, 85.4228, 93.7410



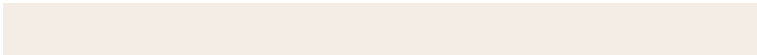
79.2305, 85.4228, 88.9609

Square

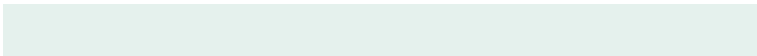
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



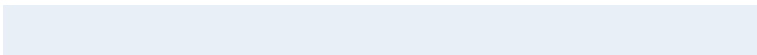
83.6461, 85.4228, 93.7410



81.4463, 85.4228, 86.2238



78.7860, 85.4228, 92.2846



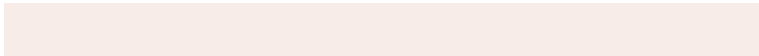
80.9378, 85.4228, 100.1452

Rectangle

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



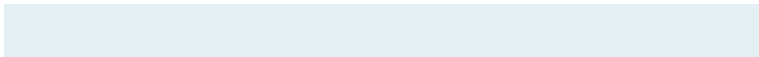
83.6461, 85.4228, 93.7410



82.9612, 85.4228, 88.2321



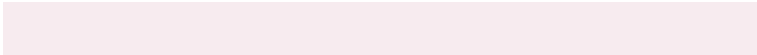
78.7860, 85.4228, 92.2846



79.4477, 85.4228, 97.9592

Sweetspot

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



83.6485, 85.4265, 93.7428



93.9693, 98.2747, 107.1950



83.4619, 85.1907, 100.0414



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

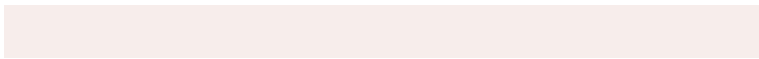
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6485, 85.4265, 93.7428



88.7622, 89.9838, 98.9138



83.6402, 86.3442, 90.8595



17.2736, 17.4406, 19.1890



21.1559, 10.8058, 5.5292



1.9051, 0.9680, 0.7268

Inverse Universe

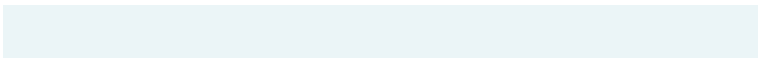
The Inverse Universe completely reimagines the original color for something new.



83.6485, 85.4265, 93.7428



88.7622, 89.9838, 98.9138



83.7047, 89.6848, 100.8961



17.2736, 17.4406, 19.1890



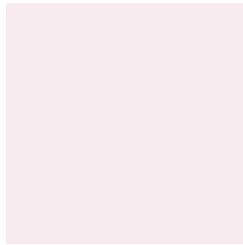
21.1559, 10.8058, 5.5292



1.9051, 0.9680, 0.7268

Previews

White Background



This preview shows how the XYZ color 83.6461, 85.4228, 93.7410 looks on a white background.

Color Contrast Check

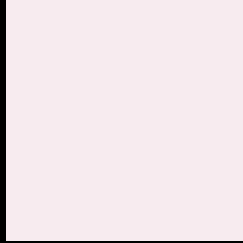
Large Text (above 18pt) WCAG AA × Fail

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 83.6461, 85.4228, 93.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

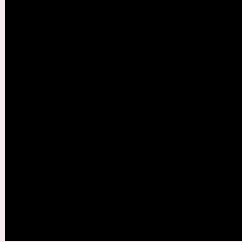
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.6461, 85.4228, 93.7410

Background



This preview shows how black text looks on a background with the XYZ color 83.6461, 85.4228, 93.7410.



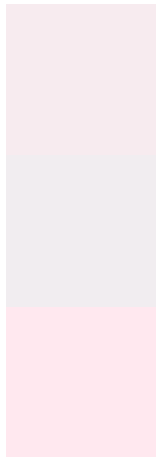
This preview shows how white text looks on a background with the XYZ color 83.6461, 85.4228,

93.7410.

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

83.6461, 85.4228, 93.7410

Protanopia

82.2880, 85.5604, 94.6158

Deuteranopia

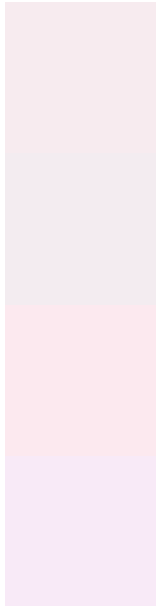
85.6766, 85.2052, 93.5920



Tritanopia

85.6184, 85.3826, 103.2347

Trichromacy



Original Color

83.6461, 85.4228, 93.7410

Protanomaly

82.6858, 85.3369, 94.5517

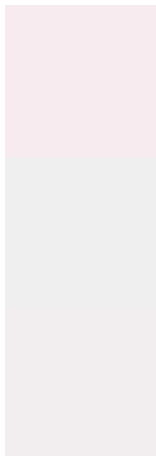
Deuteranomaly

84.8638, 85.2053, 93.6348

Tritanomaly

84.9227, 85.5175, 100.0263

Monochromacy



Original Color

83.6461, 85.4228, 93.7410

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7725, 86.2583, 93.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6461, 85.4228, 93.7410 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(247, 235, 239) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 239)  
}
```

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(247, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 239) }
```

Border

The CSS property to change the border of an element to XYZ 83.6461, 85.4228, 93.7410 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(247, 235, 239) }
```


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

```
.border{ border-color:rgb(247, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6461, 85.4228, 93.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 239) }
```

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

```
.background{ background-color: rgb(247,  
235, 239) }
```

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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