

Converting Colors

XYZ(85.3867, 90.6980, 88.4354)

Have a look what the booklet for
XYZ(85.3867, 90.6980, 88.4354)
contains.

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Color

**XYZ(85.4340, 90.8485,
88.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F5E7
RGB	247, 245, 231
RGB Percent	97%, 96%, 91%
CMY	0.0314, 0.0392, 0.0941
CMYK	0.00, 0.01, 0.06, 0.03
HSL	53°, 50%, 94%
HSV	53°, 6%, 97%
XYZ	85.4340, 90.8485, 88.6340
YIQ	244.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

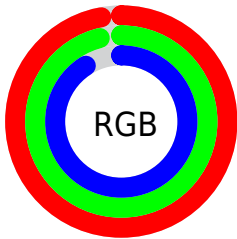
Format	Color
R_{YB}	233, 247, 231
Decimal	16250343
CIE _{Lab}	96.35, -1.72, 6.96
CIE _{LCh}	96, 7.169, 103.851
Yxy	90.8485, 0.3225, 0.3429
Android (android.graphics.Color)	4294440423 (0xFFFF7F5E7)
YUV	244.0020, -6.4100, 2.6292
Hunter-Lab	95.3145, -6.8040, 11.5857

Details

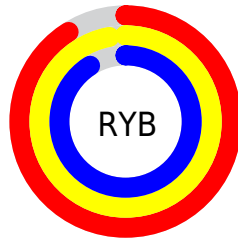
The XYZ color **85.4340, 90.8485, 88.6340** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8824, 81.9809, 99.6631**, and the grayscale version is **86.0393, 90.5201, 98.5764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4213, 50.5667, 47.8184** is the 20% darker color. If you saturate the color by 10%, you get **81.2655, 87.7053, 71.2305**, and if you desaturate by 10%, it is **90.0022, 94.1823, 108.0431**.

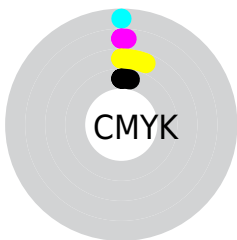
Distribution



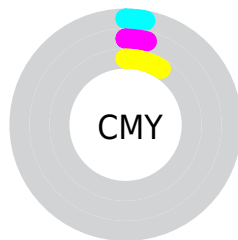
- Red (97%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4340, 90.8485, 88.6340 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 85.4340, 90.8485, 88.6340 by changing the saturation by 10% instead.

 85.4340, 90.8485,
88.6340

 85.4340, 90.8485,
88.6340


501.5251,
530.7871, 544.0322

 64.5237, 68.6846,
66.2809


139.8903,
148.5164, 147.3584

 47.3383, 50.4549,
48.0426


174.1670,
184.7893, 184.5668

 33.5122, 35.7750,
33.5004


213.6300,
226.5339, 227.5641

 22.6802, 24.2605,
22.2358

258.6444,
274.1346, 276.7687

 14.4770, 15.5269,
13.8303

309.5759,
327.9759, 332.5993

 8.5371, 9.1900,
7.8653

366.7895,

 4.4952, 4.8653,

388.4422, 395.4744

3.9224

430.6508,
455.9178, 465.8126

■ 1.9859, 2.1685,
1.5828

■ 0.6260, 0.7027,
0.2785

■ 85.4340, 90.8485,
88.6340

■ 85.4340, 90.8485,
88.6340

■ 81.2655, 87.7053,
71.2305

■ 90.0022, 94.1823,
108.0431

■ 77.5818, 84.7777,
56.3151

■ 90.9575, 96.0930,
108.3616

■ 74.3634, 82.0609,
43.7742

■ 91.9285, 98.0350,
108.6852

■ 71.5865, 79.5452,
33.4828

■ 92.1682, 98.5144,
108.7651

■ 69.2253, 77.2200,
25.3050

■ 67.2509, 75.0738,
19.0896

■ 65.6308, 73.0934,
14.6658

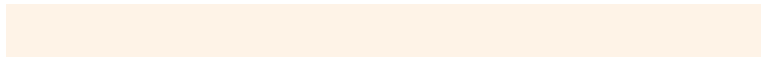
■ 64.3269, 71.2635,
11.8333

■ 63.2916, 69.5649,
10.3414

Harmonies

Analogous

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



87.4198, 90.8485, 88.7400



85.4340, 90.8485, 88.6340



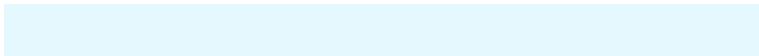
83.7193, 90.8485, 91.2081

Triad

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



85.4340, 90.8485, 88.6340



83.6128, 90.8485, 106.7238



90.0848, 90.8485, 102.0048

Complementary

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



85.4340, 90.8485, 88.6340



78.8824, 81.9809, 99.6631

Split Complementary

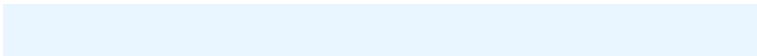
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0328, 90.8485, 107.0518



85.4340, 90.8485, 88.6340



85.2866, 90.8485, 109.8471

Square

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



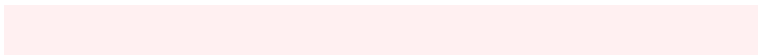
85.4340, 90.8485, 88.6340



82.6788, 90.8485, 101.5711



87.2701, 90.8485, 109.9694



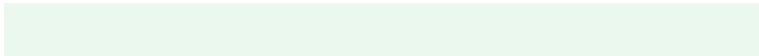
90.1258, 90.8485, 96.3126

Rectangle

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



85.4340, 90.8485, 88.6340



82.9520, 90.8485, 94.1570



87.2701, 90.8485, 109.9694



89.8370, 90.8485, 103.8380

Sweetspot

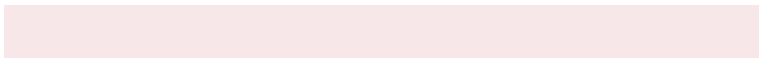
The Sweet Spot groups the original color and five complimentary colors.



85.4365, 90.8525, 88.6360



94.0371, 99.2707, 104.5652



81.6620, 82.8182, 88.8735



20.1384, 21.2557, 22.4266



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

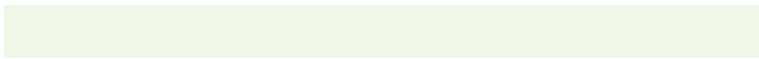
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4365, 90.8525, 88.6360



91.1314, 97.1426, 92.2419



84.0069, 91.0165, 88.7430



17.7280, 18.9401, 17.5190



33.3718, 36.6292, 5.3113



2.9815, 3.3162, 0.4830

Inverse Universe

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



78.8824, 81.9809, 99.6631



82.5050, 85.4660, 106.7559



80.2462, 81.8502, 99.5660



15.7477, 16.2596, 20.8510



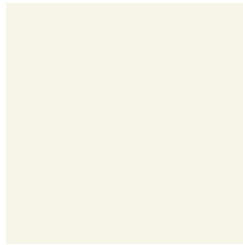
9.1896, 4.1729, 46.8591



0.8598, 0.4709, 4.1358

Previews

White Background



This preview shows how the XYZ color 85.4340, 90.8485, 88.6340 looks on a white background.

Color Contrast Check

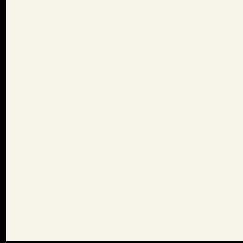
Large Text (above 18pt) WCAG AA × Fail

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 85.4340, 90.8485, 88.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

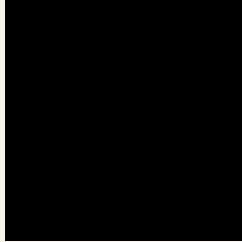
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4340, 90.8485, 88.6340

Background



This preview shows how black text looks on a background with the XYZ color 85.4340, 90.8485, 88.6340.



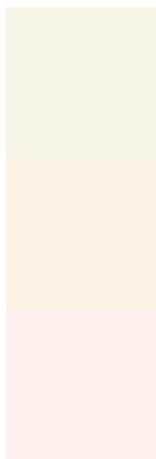
This preview shows how white text looks on a background with the XYZ color 85.4340, 90.8485,

88.6340.

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

85.4340, 90.8485, 88.6340

Protanopia

86.4784, 90.5098, 87.7751

Deuteranopia

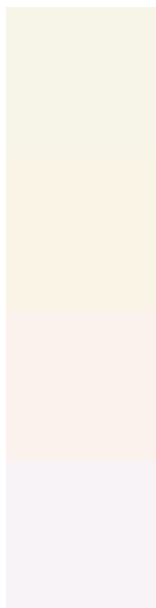
88.4235, 90.4619, 95.2385



Tritanopia

88.8691, 90.8640, 107.4623

Trichromacy



Original Color

85.4340, 90.8485, 88.6340

Protanomaly

86.0580, 90.7385, 87.8415

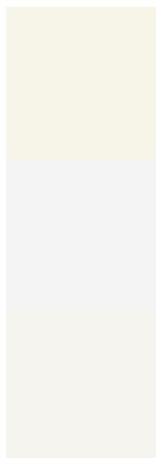
Deuteranomaly

87.1831, 90.3141, 92.9581

Tritanomaly

87.3965, 90.7115, 100.0915

Monochromacy



Original Color

85.4340, 90.8485, 88.6340

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5869, 90.3458, 94.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4340, 90.8485, 88.6340 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, 245, 231) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 231) }
```

Border

The CSS property to change the border of an element to XYZ 85.4340, 90.8485, 88.6340 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, 245, 231) }
```


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

```
.border{ border-color:rgb(247, 245, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 245, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4340, 90.8485, 88.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 231) }
```

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

```
.background{ background-color: rgb(247,  
245, 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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