

Converting Colors

XYZ(85.6023, 92.4403, 91.1076)

Have a look what the booklet for
XYZ(85.6023, 92.4403, 91.1076)
contains.

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Color

**XYZ(85.3808, 92.1300,
91.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8EA
RGB	243, 248, 234
RGB Percent	95%, 97%, 92%
CMY	0.0471, 0.0274, 0.0823
CMYK	0.02, 0.00, 0.06, 0.03
HSL	81°, 50%, 95%
HSV	81°, 6%, 97%
XYZ	85.3808, 92.1300, 91.1247
YIQ	244.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

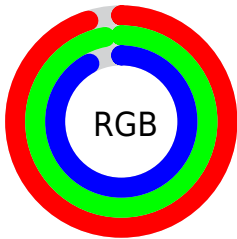
Format	Color
R _Y B	234, 248, 239
Decimal	15988970
CIE Lab	96.87, -4.08, 6.13
CIE LCh	97, 7.368, 123.648
Yxy	92.1300, 0.3178, 0.3430
Android (android.graphics.Color)	4294179050 (0xFFFF3F8EA)
YUV	244.9090, -5.3781, -1.6742
Hunter-Lab	95.9844, -9.1919, 10.9009

Details

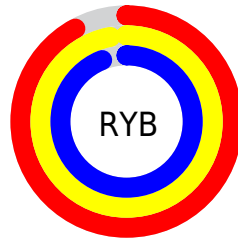
The XYZ color **85.3808, 92.1300, 91.1247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9663, 83.9762, 100.7007**, and the grayscale version is **86.7611, 91.2795, 99.4034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3790, 51.4784, 49.5587** is the 20% darker color. If you saturate the color by 10%, you get **79.0799, 89.2677, 73.5147**, and if you desaturate by 10%, it is **91.7150, 95.0286, 108.1162**.

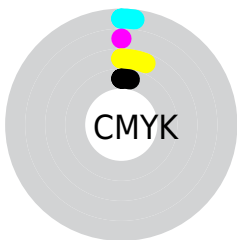
Distribution



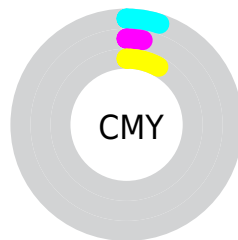
- Red (95%)
- Green (97%)
- Blue (92%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3808, 92.1300, 91.1247 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 85.3808, 92.1300, 91.1247 by changing the saturation by 10% instead.

85.3808, 92.1300,
91.1247

85.3808, 92.1300,
91.1247

501.3520,
534.9356, 552.3469

64.4796, 69.7486,
68.3349

139.8164,
150.2936, 150.8488

47.3024, 51.3216,
49.7018

174.0815,
186.8445, 188.6202

33.4837, 36.4646,
34.8070

213.5319,
228.8874, 232.2225

22.6583, 24.7933,
23.2319

258.5331,
276.8067, 282.0743

14.4607, 15.9231,
14.5579

309.4503,
330.9868, 338.5941

8.5256, 9.4697,
8.3666

366.6490,

4.4877, 5.0488,

391.8120, 402.2004

4.2393

430.4944,
459.6668, 473.3119

■ 1.9816, 2.2759,
1.7575

■ 0.6236, 0.7609,
0.3997

■ 85.3808, 92.1300,
91.1247

■ 85.3808, 92.1300,
91.1247

■ 79.0799, 89.2677,
73.5147

■ 91.7150, 95.0286,
108.1162

■ 73.4003, 86.6678,
58.4278

■ 92.8592, 95.6185,
108.1697

■ 68.3203, 84.3244,
45.7499

■ 63.8142, 82.2268,
35.3557

■ 59.8537, 80.3635,
27.1086

■ 56.4079, 78.7219,
20.8575

■ 53.4422, 77.2879,
16.4316

■ 50.9162, 76.0451,
13.6316

■ 48.7808, 74.9735,
12.2108

Harmonies

Analogous

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



87.3139, 92.1300, 89.3672



85.3808, 92.1300, 91.1247



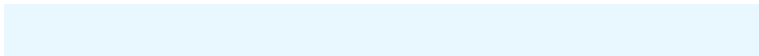
84.0499, 92.1300, 95.3409

Triad

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



85.3808, 92.1300, 91.1247



85.8127, 92.1300, 110.8743



91.5975, 92.1300, 99.5906

Complementary

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



85.3808, 92.1300, 91.1247



81.9663, 83.9762, 100.7007

Split Complementary

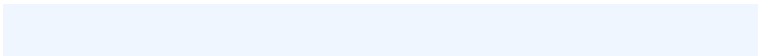
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1805, 92.1300, 105.4570



85.3808, 92.1300, 91.1247



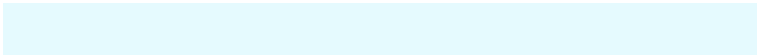
87.8202, 92.1300, 112.1199

Square

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



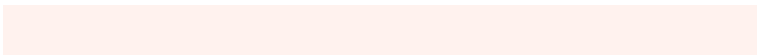
85.3808, 92.1300, 91.1247



84.2965, 92.1300, 106.7607



89.7898, 92.1300, 110.1010



90.9206, 92.1300, 94.1321

Rectangle

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



85.3808, 92.1300, 91.1247



83.6720, 92.1300, 99.0587



89.7898, 92.1300, 110.1010



91.5807, 92.1300, 101.5797

Sweetspot

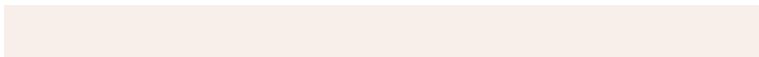
The Sweet Spot groups the original color and five complimentary colors.



85.3834, 92.1340, 91.1267



93.5723, 99.3318, 104.6015



84.4032, 87.5745, 90.2983



20.0438, 21.2681, 22.4340



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

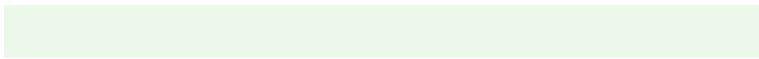
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3834, 92.1340, 91.1267



89.9999, 97.7133, 94.3528



83.0469, 90.9295, 91.0174



18.3574, 19.9836, 19.0955



26.0554, 40.3503, 6.4151



2.5287, 3.7967, 0.5996

Inverse Universe

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



81.9663, 83.9762, 100.7007



85.5226, 87.0242, 106.8976



84.3404, 85.2000, 100.8118



17.3669, 17.6189, 21.8707



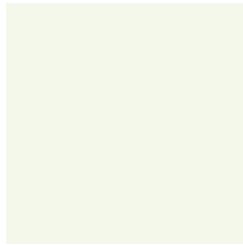
11.4975, 4.8699, 48.3075



1.1757, 0.5082, 4.4793

Previews

White Background



This preview shows how the XYZ color 85.3808, 92.1300, 91.1247 looks on a white background.

Color Contrast Check

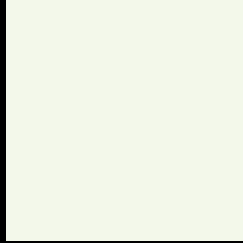
Large Text (above 18pt) WCAG AA × Fail

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 85.3808, 92.1300, 91.1247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

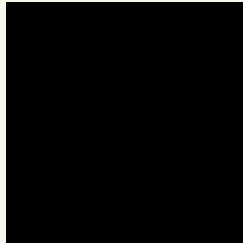
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

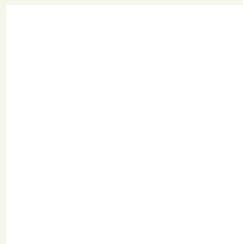
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3808, 92.1300, 91.1247

Background



This preview shows how black text looks on a background with the XYZ color 85.3808, 92.1300, 91.1247.



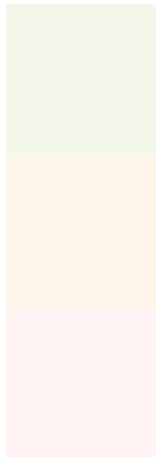
This preview shows how white text looks on a background with the XYZ color 85.3808, 92.1300,

91.147.

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

85.3808, 92.1300, 91.1247

Protanopia

87.7259, 92.0137, 89.4807

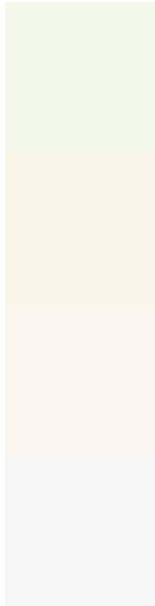
Deuteranopia

89.4683, 91.8322, 97.8039

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

85.3808, 92.1300, 91.1247

Protanomaly

86.7307, 91.9345, 90.2647

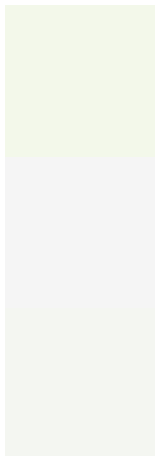
Deuteranomaly

88.1642, 92.1053, 95.5694

Tritanomaly

87.7503, 92.2198, 101.1709

Monochromacy



Original Color

85.3808, 92.1300, 91.1247

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.1412, 91.4955, 96.3394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3808, 92.1300, 91.1247 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(243, 248, 234) looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 234)  
}
```

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(243, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.3808, 92.1300, 91.1247 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(243, 248, 234) }
```


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

```
.border{ border-color:rgb(243, 248, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3808, 92.1300, 91.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 234) }
```

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

```
.background{ background-color: rgb(243,  
248, 234) }
```

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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