

Converting Colors

XYZ(85.8615, 91.0195, 90.8850)

Have a look what the booklet for
XYZ(85.8615, 91.0195, 90.8850)
contains.

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Color

**XYZ(85.8615, 91.0195,
90.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F5EA
RGB	247, 245, 234
RGB Percent	97%, 96%, 92%
CMY	0.0314, 0.0392, 0.0823
CMYK	0.00, 0.01, 0.05, 0.03
HSL	51°, 45%, 94%
HSV	51°, 5%, 97%
XYZ	85.8615, 91.0195, 90.8850
YIQ	244.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

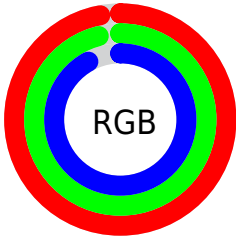
Format	Color
R _Y B	236, 247, 234
Decimal	16250346
CIE Lab	96.42, -1.22, 5.51
CIE LCh	96, 5.647, 102.439
Yxy	91.0195, 0.3207, 0.3399
Android (android.graphics.Color)	4294440426 (0xFFFF7F5EA)
YUV	244.3440, -5.0996, 2.3293
Hunter-Lab	95.4041, -6.3114, 10.3014

Details

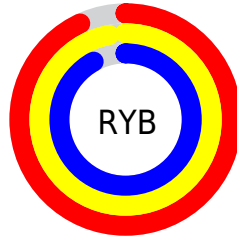
The XYZ color **85.8615, 91.0195, 90.8850** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.7156, 84.1975, 99.9945**, and the grayscale version is **86.3036, 90.7981, 98.8792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7193, 50.6859, 49.3878** is the 20% darker color. If you saturate the color by 10%, you get **81.4231, 87.4304, 73.1019**, and if you desaturate by 10%, it is **90.2214, 94.6207, 108.1162**.

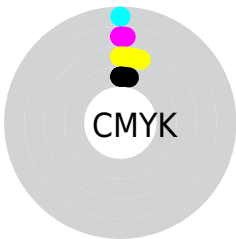
Distribution



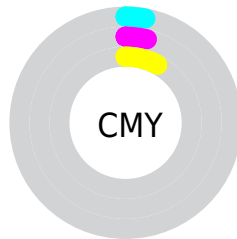
- Red (97%)
- Green (96%)
- Blue (92%)



- Red (93%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8615, 91.0195, 90.8850 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 85.8615, 91.0195, 90.8850 by changing the saturation by 10% instead.


 85.8615, 91.0195,
90.8850

 85.8615, 91.0195,
90.8850

502.9153,
531.3417, 551.5497

 64.8783, 68.8265,
68.1370

140.4840,
148.7537, 150.5133

 47.6268, 50.5704,
49.5419


174.8541,
185.0637, 188.2308

 33.7414, 35.8669,
34.6809


214.4172,
226.8483, 231.7752

 22.8570, 24.3314,
23.1356

259.5386,
274.4916, 281.5650

 14.6080, 15.5796,
14.4874

310.5838,
328.3783, 338.0188

 8.6293, 9.2272,
8.3178

367.9181,

 4.5553, 4.8897,

388.8926, 401.5552

4.2083

431.9068,
456.4189, 472.5927

■ 2.0209, 2.1827,
1.7403

■ 0.6456, 0.7105,
0.3881

■ 85.8615, 91.0195,
90.8850

■ 85.8615, 91.0195,
90.8850

■ 81.4231, 87.4304,
73.1019

■ 90.2214, 94.6207,
108.1162

■ 77.4800, 84.0739,
57.8229

■ 91.4040, 96.9858,
108.5104

■ 74.0127, 80.9449,
44.9355

■ 92.1683, 98.5144,
108.7651

■ 70.9978, 78.0338,
34.3160

■ 68.4095, 75.3300,
25.8298

■ 66.2194, 72.8220,
19.3280

■ 64.3954, 70.4967,
14.6423

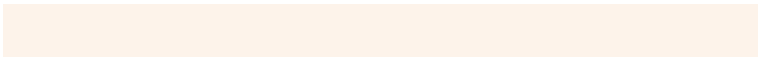
■ 62.9002, 68.3389,
11.5769

■ 61.6877, 66.3300,
9.8900

Harmonies

Analogous

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



87.4270, 91.0195, 91.0742



85.8615, 91.0195, 90.8850



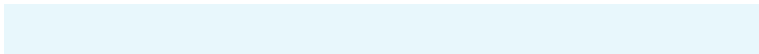
84.4865, 91.0195, 92.8491

Triad

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



85.8615, 91.0195, 90.8850



84.2985, 91.0195, 105.0652



89.4268, 91.0195, 101.7411

Complementary

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



85.8615, 91.0195, 90.8850



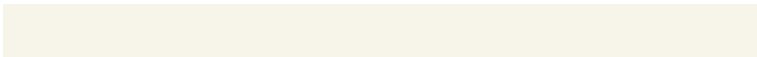
80.7156, 84.1975, 99.9945

Split Complementary

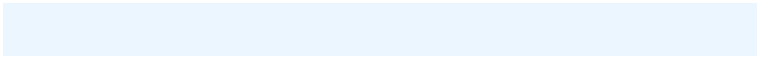
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5682, 91.0195, 105.6353



85.8615, 91.0195, 90.8850



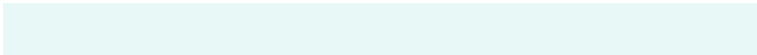
85.6020, 91.0195, 107.5940

Square

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



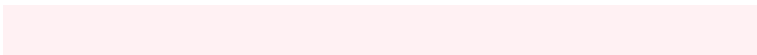
85.8615, 91.0195, 90.8850



83.5915, 91.0195, 100.9822



87.1644, 91.0195, 107.8058



89.4984, 91.0195, 97.2508

Rectangle

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



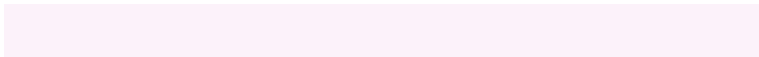
85.8615, 91.0195, 90.8850



83.8578, 91.0195, 95.1510



87.1644, 91.0195, 107.8058



89.2202, 91.0195, 103.1666

Sweetspot

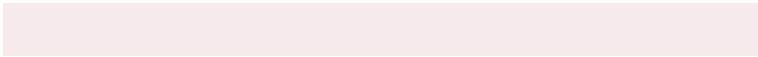
The Sweet Spot groups the original color and five complimentary colors.



85.8640, 91.0235, 90.8870



93.9904, 99.1774, 104.5496



82.9464, 84.6870, 91.4597



20.1289, 21.2367, 22.4235



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

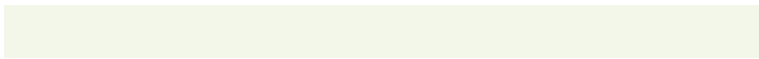
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8640, 91.0235, 90.8870



91.9390, 97.5641, 96.1907



84.9605, 91.4587, 91.0186



17.9582, 19.0733, 18.6045



32.4407, 34.7669, 5.0009



2.9085, 3.1703, 0.4586

Inverse Universe

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



80.7156, 84.1975, 99.9945



85.6500, 89.2260, 107.3158



81.5845, 83.7973, 99.8714



16.6028, 17.2763, 21.0022



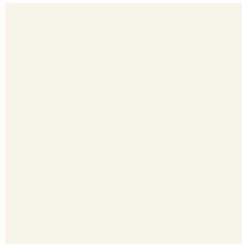
9.3079, 4.4096, 46.8986



0.8781, 0.5076, 4.1419

Previews

White Background



This preview shows how the XYZ color 85.8615, 91.0195, 90.8850 looks on a white background.

Color Contrast Check

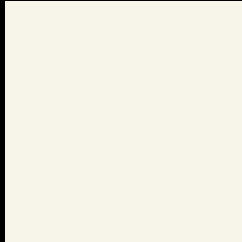
Large Text (above 18pt) WCAG AA × Fail

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 85.8615, 91.0195, 90.8850 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

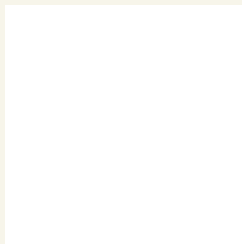
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8615, 91.0195, 90.8850

Background



This preview shows how black text looks on a background with the XYZ color 85.8615, 91.0195, 90.8850.



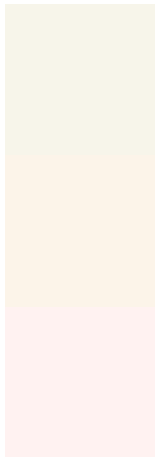
This preview shows how white text looks on a background with the XYZ color 85.8615, 91.0195,

90.8850.

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

85.8615, 91.0195, 90.8850

Protanopia

87.2035, 91.2800, 90.1135

Deuteranopia

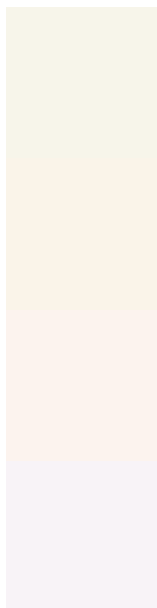
88.8693, 91.1151, 96.1222



Tritanopia

88.8691, 90.8640, 107.4623

Trichromacy



Original Color

85.8615, 91.0195, 90.8850

Protanomaly

86.4830, 90.9086, 90.0798

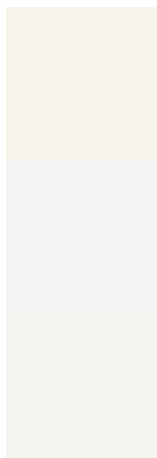
Deuteranomaly

87.6281, 90.9697, 93.8293

Tritanomaly

87.5505, 90.7730, 100.9022

Monochromacy



Original Color

85.8615, 91.0195, 90.8850

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.7350, 90.4051, 95.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8615, 91.0195, 90.8850 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.8615, 91.0195, 90.8850 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, 234) }
```


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

```
.border{ border-color:rgb(247, 245, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8615, 91.0195, 90.8850 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, 234) }
```

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

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