

Converting Colors

XYZ(85.9091, 87.5563, 96.8587)

Have a look what the booklet for
XYZ(85.9091, 87.5563, 96.8587)
contains.

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Color

**XYZ(85.8862, 87.3634,
97.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDF3
RGB	250, 237, 243
RGB Percent	98%, 93%, 95%
CMY	0.0196, 0.0706, 0.0471
CMYK	0.00, 0.05, 0.03, 0.02
HSL	332°, 57%, 95%
HSV	332°, 5%, 98%
XYZ	85.8862, 87.3634, 97.1302
YIQ	241.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

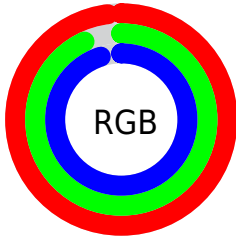
Format	Color
R _Y B	250, 237, 243
Decimal	16444915
CIE Lab	94.89, 5.41, -1.33
CIE LCh	95, 5.569, 346.132
Yxy	87.3634, 0.3177, 0.3231
Android (android.graphics.Color)	4294634995 (0xFFFAEDF3)
YUV	241.5710, 0.7045, 7.3922
Hunter-Lab	93.4684, 0.4503, 3.8151

Details

The XYZ color **85.8862, 87.3634, 97.1302** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4431, 92.9097, 99.0225**, and the grayscale version is **84.0526, 88.4299, 96.3002**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7416, 48.1049, 53.7826** is the 20% darker color. If you saturate the color by 10%, you get **77.1876, 73.1012, 84.5634**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

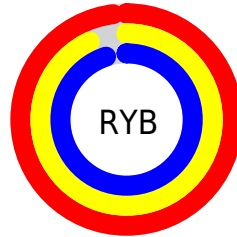
Distribution



Red (98%)

Green (93%)

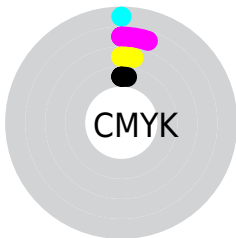
Blue (95%)



Red (98%)

Yellow (93%)

Blue (95%)

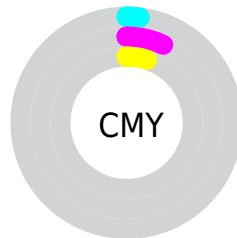


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8862, 87.3634, 97.1302 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 85.8862, 87.3634, 97.1302 by changing the saturation by 10% instead.


 85.8862, 87.3634,
97.1302

 85.8862, 87.3634,
97.1302


502.9955,
519.4162, 572.1200

 64.8988, 65.7960,
73.3026


140.5183,
143.6706, 159.2251

 47.6434, 48.1068,
53.7301


174.8938,
179.1791, 198.3294

 33.7547, 33.9115,
37.9942


214.4626,
220.1034, 243.3631

 22.8672, 22.8256,
25.6764

259.5903,
266.8280, 294.7446

 14.6156, 14.4648,
16.3581

310.6420,
319.7371, 352.8925

 8.6346, 8.4446,
9.6208

367.9832,

 4.5588, 4.3808,

379.2153, 418.2253

5.0460

431.9793,
445.6469, 491.1616

■ 2.0229, 1.8887,
2.2151

■ 0.6468, 0.5416,
0.6830

■ 85.8862, 87.3634,
97.1302

■ 85.8862, 87.3634,
97.1302

■ 77.1876, 73.1012,
84.5634

■ 93.2349, 99.0643,
108.8151

■ 69.6001, 60.8288,
73.0861

■ 63.0786, 50.4598,
62.6681

■ 57.5717, 41.8972,
53.2756

■ 53.0238, 35.0354,
44.8726

■ 49.3735, 29.7575,
37.4205

■ 46.5520, 25.9317,
30.8774

■ 44.4792, 23.4047,
25.1968

■ 43.0575, 21.9878,
20.3253

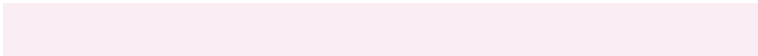
Harmonies

Analogous

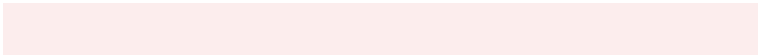
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1465, 87.3634, 101.0015



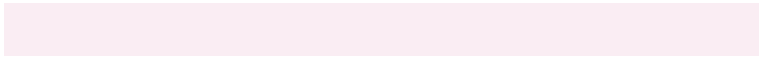
85.8862, 87.3634, 97.1302



85.8558, 87.3634, 92.8328

Triad

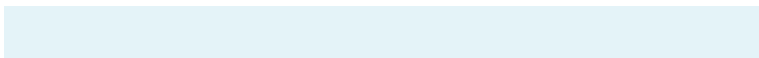
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8862, 87.3634, 97.1302



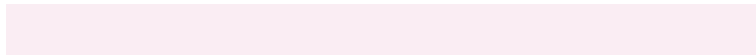
82.2324, 87.3634, 87.3600



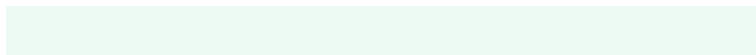
81.0411, 87.3634, 101.2435

Complementary

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



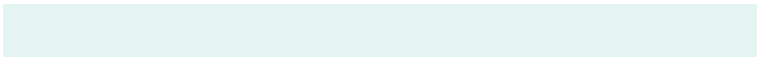
85.8862, 87.3634, 97.1302



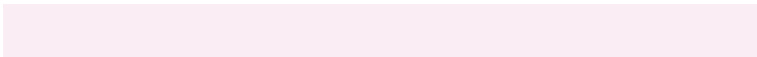
85.4431, 92.9097, 99.0225

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.



80.2792, 87.3634, 97.4523



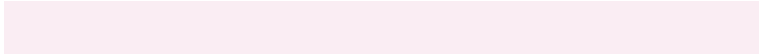
85.8862, 87.3634, 97.1302



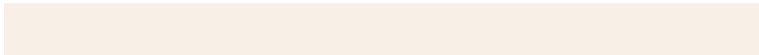
80.9613, 87.3634, 89.4788

Square

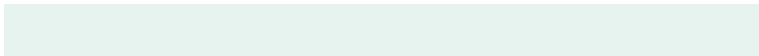
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



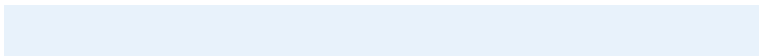
85.8862, 87.3634, 97.1302



83.7339, 87.3634, 87.2797



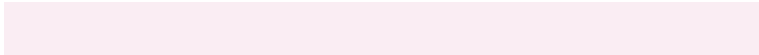
80.2501, 87.3634, 93.1454



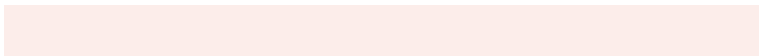
82.3426, 87.3634, 103.4246

Rectangle

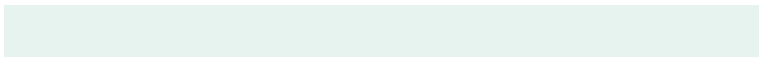
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



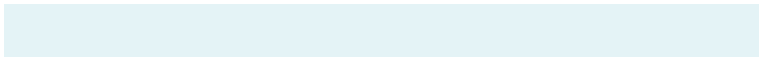
85.8862, 87.3634, 97.1302



85.4027, 87.3634, 90.3061



80.2501, 87.3634, 93.1454



80.7140, 87.3634, 100.1101

Sweetspot

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



85.8887, 87.3672, 97.1321



93.0054, 96.6134, 106.0522



84.8278, 86.6958, 102.7068



19.9284, 20.7147, 22.7295



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

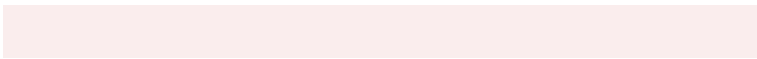
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8887, 87.3672, 97.1321



89.0632, 90.1042, 100.4985



85.1233, 87.2619, 92.4820



18.1237, 18.2558, 20.4139



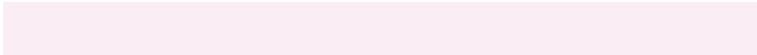
22.6347, 11.4696, 10.0508



2.1492, 1.0834, 1.2093

Inverse Universe

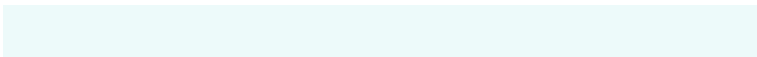
The Inverse Universe completely reimagines the original color for something new.



85.8887, 87.3672, 97.1321



89.0632, 90.1042, 100.4985



86.2342, 93.0110, 103.8516



18.1237, 18.2558, 20.4139



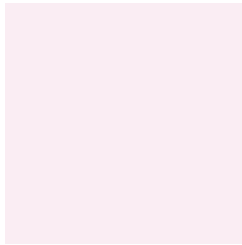
22.6347, 11.4696, 10.0508



2.1492, 1.0834, 1.2093

Previews

White Background



This preview shows how the XYZ color 85.8862, 87.3634, 97.1302 looks on a white background.

Color Contrast Check

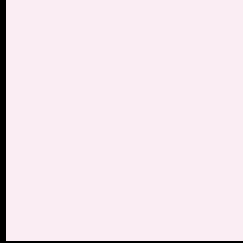
Large Text (above 18pt) WCAG AA × Fail

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 85.8862, 87.3634, 97.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

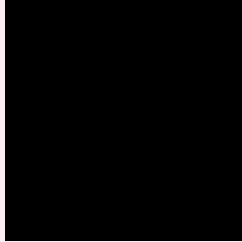
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8862, 87.3634, 97.1302

Background



This preview shows how black text looks on a background with the XYZ color 85.8862, 87.3634, 97.1302.



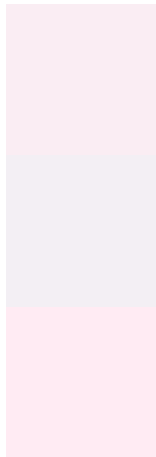
This preview shows how white text looks on a background with the XYZ color 85.8862, 87.3634,

97.1302.

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

85.8862, 87.3634, 97.1302

Protanopia

84.1578, 87.3193, 98.0067

Deuteranopia

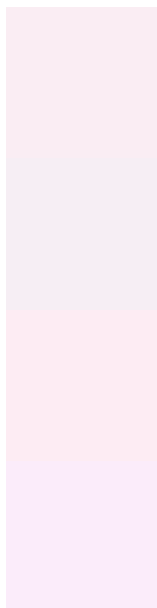
87.1260, 87.1477, 97.0232



Tritanopia

87.7426, 87.2679, 105.9858

Trichromacy



Original Color

85.8862, 87.3634, 97.1302

Protanomaly

84.9097, 87.2736, 97.9582

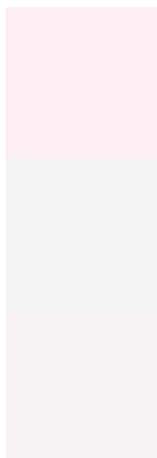
Deuteranomaly

86.6811, 87.3446, 97.0846

Tritanomaly

87.0344, 87.4023, 102.7256

Monochromacy



Original Color

85.8862, 87.3634, 97.1302

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8433, 88.1435, 96.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8862, 87.3634, 97.1302 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, 237, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.8862, 87.3634, 97.1302 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, 237, 243) }
```


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

```
.border{ border-color:rgb(250, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8862, 87.3634, 97.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 243) }
```

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

```
.background{ background-color: rgb(250,  
237, 243) }
```

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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