

Converting Colors

XYZ(85.5727, 87.3416, 97.6727)

Have a look what the booklet for
XYZ(85.5727, 87.3416, 97.6727)
contains.

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Color

**XYZ(85.6802, 87.2398,
97.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EDF4
RGB	249, 237, 244
RGB Percent	98%, 93%, 96%
CMY	0.0235, 0.0706, 0.0431
CMYK	0.00, 0.05, 0.02, 0.02
HSL	325°, 50%, 95%
HSV	325°, 5%, 98%
XYZ	85.6802, 87.2398, 97.9111
YIQ	241.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

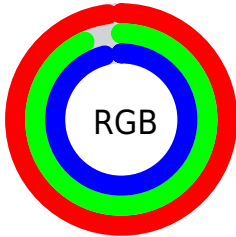
Format	Color
R _Y B	249, 237, 244
Decimal	16379380
CIE Lab	94.84, 5.25, -1.94
CIE LCh	95, 5.593, 339.708
Yxy	87.2398, 0.3164, 0.3221
Android (android.graphics.Color)	4294569460 (0xFFFF9EDF4)
YUV	241.3860, 1.2887, 6.6775
Hunter-Lab	93.4022, 0.2885, 3.2294

Details

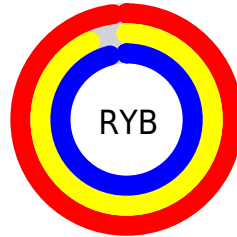
The XYZ color **85.6802, 87.2398, 97.9111** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8310, 92.1689, 97.3281**, and the grayscale version is **83.9028, 88.2722, 96.1285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5933, 48.0160, 54.3365** is the 20% darker color. If you saturate the color by 10%, you get **77.4345, 73.1988, 87.6060**, and if you desaturate by 10%, it is **92.7777, 98.8401, 108.2735**.

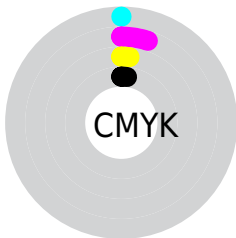
Distribution



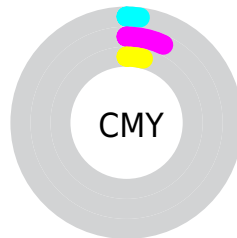
- Red (98%)
- Green (93%)
- Blue (96%)



- Red (98%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6802, 87.2398, 97.9111 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 85.6802, 87.2398, 97.9111 by changing the saturation by 10% instead.


 85.6802, 87.2398,
97.9111

 85.6802, 87.2398,
97.9111


502.3260,
519.0105, 574.6639

 64.7279, 65.6937,
73.9500


140.2323,
143.4983, 160.3103

 47.5044, 48.0238,
54.2566


174.5628,
178.9795, 199.5856

 33.6442, 33.8457,
38.4123


214.0834,
219.8745, 244.8026

 22.7820, 22.7751,
25.9985

259.1595,
266.5677, 296.3800

 14.5524, 14.4275,
16.5968

310.1565,
319.4435, 354.7363

 8.5901, 8.4186,
9.7885

367.4396,

 4.5298, 4.3640,

378.8864, 420.2900

5.1552

431.3743,
445.2805, 493.4597

■ 2.0060, 1.8792,
2.2783

■ 0.6373, 0.5358,
0.7190

■ 85.6802, 87.2398,
97.9111

■ 85.6802, 87.2398,
97.9111

■ 77.4345, 73.1988,
87.6060

■ 92.7777, 98.8401,
108.2735

■ 70.2337, 61.1089,
78.0787

■ 92.8774, 98.8800,
108.7983

■ 64.0349, 50.8858,
69.3089

■ 58.7894, 42.4342,
61.2727

■ 54.4441, 35.6508,
53.9447

■ 50.9405, 30.4211,
47.2975

■ 48.2130, 26.6162,
41.3010

■ 46.1851, 24.0861,
35.9213

■ 44.7633, 22.6467,
31.1185

Harmonies

Analogous

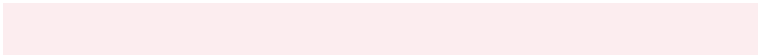
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7932, 87.2398, 101.5508



85.6802, 87.2398, 97.9111



85.8224, 87.2398, 93.5900

Triad

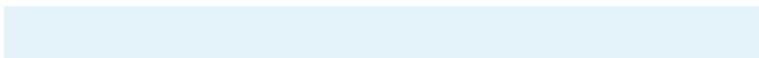
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6802, 87.2398, 97.9111



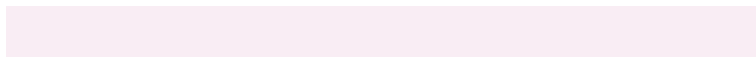
82.4288, 87.2398, 87.0038



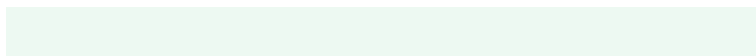
80.6987, 87.2398, 100.4176

Complementary

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



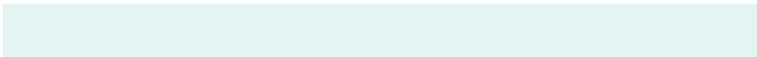
85.6802, 87.2398, 97.9111



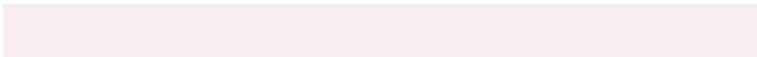
84.8310, 92.1689, 97.3281

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.



80.0815, 87.2398, 96.4025



85.6802, 87.2398, 97.9111



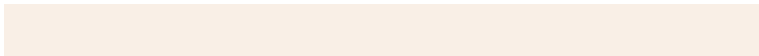
81.0723, 87.2398, 88.7167

Square

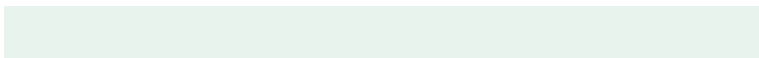
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



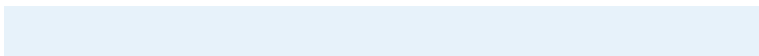
85.6802, 87.2398, 97.9111



83.9328, 87.2398, 87.3799



80.2174, 87.2398, 92.1262



81.9130, 87.2398, 103.0282

Rectangle

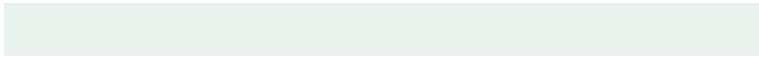
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6802, 87.2398, 97.9111



85.4739, 87.2398, 90.9160



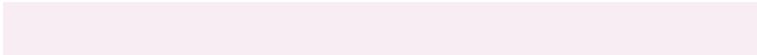
80.2174, 87.2398, 92.1262



80.4152, 87.2398, 99.1825

Sweetspot

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



85.6827, 87.2436, 97.9130



94.0712, 98.3155, 107.7319



84.0043, 86.2894, 101.8516



20.1454, 21.0613, 23.0714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

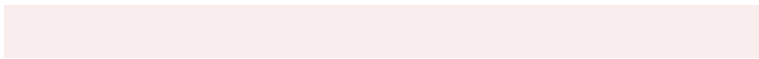
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6827, 87.2436, 97.9130



89.3520, 90.2197, 102.0193



84.7867, 86.8852, 93.1950



18.1889, 18.2819, 20.7573



23.7291, 11.9074, 15.8138



2.2506, 1.1240, 1.7428

Inverse Universe

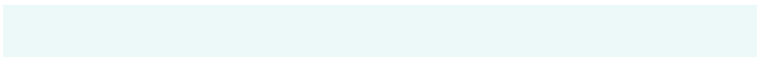
The Inverse Universe completely reimagines the original color for something new.



85.6827, 87.2436, 97.9130



89.3520, 90.2197, 102.0193



85.7467, 92.5351, 102.1500



18.1889, 18.2819, 20.7573



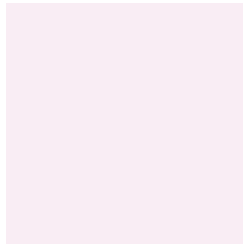
23.7291, 11.9074, 15.8138



2.2506, 1.1240, 1.7428

Previews

White Background



This preview shows how the XYZ color 85.6802, 87.2398, 97.9111 looks on a white background.

Color Contrast Check

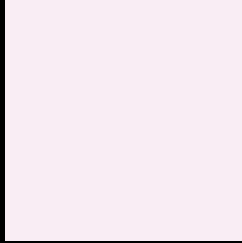
Large Text (above 18pt) WCAG AA × Fail

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 85.6802, 87.2398, 97.9111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

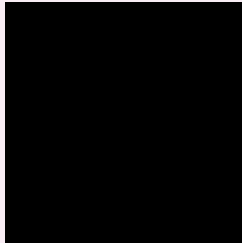
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

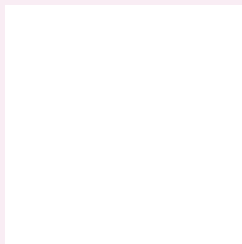
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6802, 87.2398, 97.9111

Background



This preview shows how black text looks on a background with the XYZ color 85.6802, 87.2398, 97.9111.

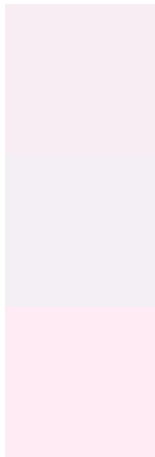


This preview shows how white text looks on a background with the XYZ color 85.6802, 87.2398,

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

85.6802, 87.2398, 97.9111

Protanopia

84.3101, 87.3803, 98.8087

Deuteranopia

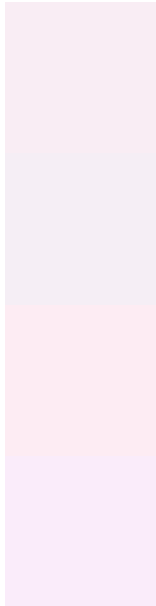
87.1260, 87.1477, 97.0232



Tritanopia

87.0221, 86.8964, 105.9521

Trichromacy



Original Color

85.6802, 87.2398, 97.9111

Protanomaly

84.7122, 87.1541, 98.7438

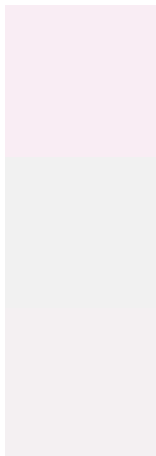
Deuteranomaly

86.6811, 87.3446, 97.0846

Tritanomaly

86.6751, 87.2170, 102.7088

Monochromacy



Original Color

85.6802, 87.2398, 97.9111

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4953, 87.9641, 96.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6802, 87.2398, 97.9111 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(249, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(249, 237, 244)  
}
```

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(249, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.6802, 87.2398, 97.9111 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(249, 237, 244) }
```


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

```
.border{ border-color:rgb(249, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6802, 87.2398, 97.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 237, 244) }
```

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

```
.background{ background-color: rgb(249,  
237, 244) }
```

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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