

Converting Colors

XYZ(85.7178, 87.8246, 91.7540)

Have a look what the booklet for
XYZ(85.7178, 87.8246, 91.7540)
contains.

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Color

**XYZ(85.8597, 87.9006,
91.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEEEC
RGB	252, 238, 236
RGB Percent	99%, 93%, 93%
CMY	0.0118, 0.0666, 0.0745
CMYK	0.00, 0.06, 0.06, 0.01
HSL	8°, 73%, 96%
HSV	8°, 6%, 99%
XYZ	85.8597, 87.9006, 91.7981
YIQ	241.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

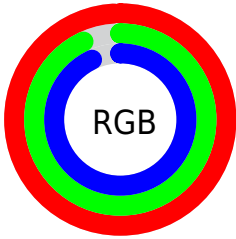
Format	Color
R _Y B	252, 238, 236
Decimal	16576236
CIE Lab	95.12, 4.38, 2.65
CIE LCh	95, 5.117, 31.137
Yxy	87.9006, 0.3233, 0.3310
Android (android.graphics.Color)	4294766316 (0xFFFC EE EC)
YUV	241.9580, -2.9373, 8.8068
Hunter-Lab	93.7553, -0.6042, 7.5765

Details

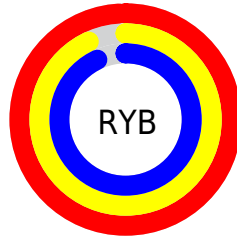
The XYZ color **85.8597, 87.9006, 91.7981** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3482, 93.2308, 105.5408**, and the grayscale version is **84.3845, 88.7790, 96.6804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4718, 48.3533, 50.0111** is the 20% darker color. If you saturate the color by 10%, you get **76.4246, 74.4815, 71.8460**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

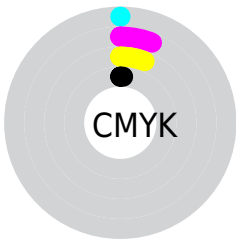
Distribution



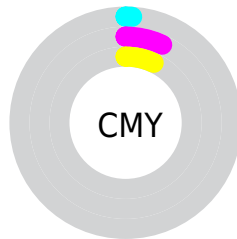
- Red (99%)
- Green (93%)
- Blue (93%)



- Red (99%)
- Yellow (93%)
- Blue (93%)



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





- Cyan (1%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8597, 87.9006, 91.7981 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 85.8597, 87.9006, 91.7981 by changing the saturation by 10% instead.

 85.8597, 87.9006,
91.7981

 85.8597, 87.9006,
91.7981


502.9094,
521.1777, 554.5831

 64.8768, 66.2408,
68.8909


140.4815,
144.4188, 151.7908

 47.6256, 48.4679,
50.1516

174.8512,
180.0459, 189.7133

 33.7405, 34.1975,
35.1619

214.4139,
221.0975, 233.4780

 22.8562, 23.0454,
23.5030

259.5349,
267.9581, 283.5035

 14.6075, 14.6270,
14.7566

310.5796,
321.0120, 340.2081

 8.6289, 8.5581,
8.5040

367.9133,

 4.5551, 4.4541,

380.6436, 404.0106

4.3268

431.9015,
447.2374, 475.3294

■ 2.0207, 1.9307,
1.8063

■ 0.6456, 0.5667,
0.4321

■ 85.8597, 87.9006,
91.7981

■ 85.8597, 87.9006,
91.7981

■ 76.4246, 74.4815,
71.8460

■ 93.9553, 99.4357,
108.8488

■ 68.2398, 62.7716,
54.7520

■ 61.2546, 52.7057,
40.3868

■ 55.4124, 44.2100,
28.6088

■ 50.6516, 37.2050,
19.2638

■ 46.9050, 31.6042,
12.1810

■ 44.0977, 27.3123,
7.1674

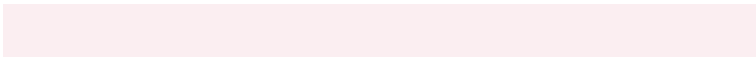
■ 42.1440, 24.2218,
3.9979

■ 40.9417, 22.2077,
2.3928

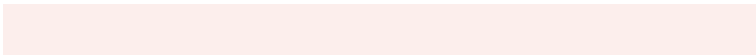
Harmonies

Analogous

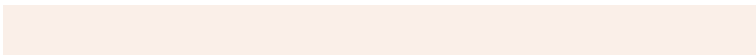
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2526, 87.9006, 95.5567



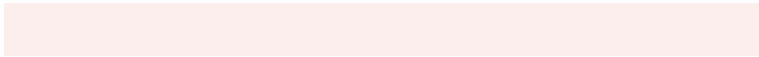
85.8597, 87.9006, 91.7981



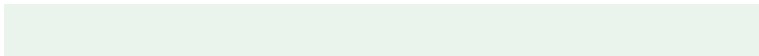
84.8460, 87.9006, 89.1489

Triad

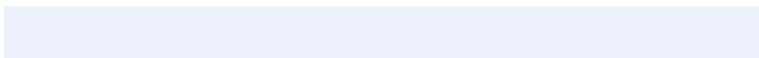
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8597, 87.9006, 91.7981



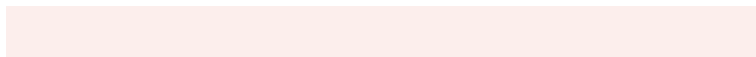
81.2238, 87.9006, 92.0547



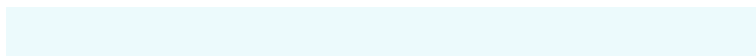
83.6000, 87.9006, 103.5821

Complementary

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



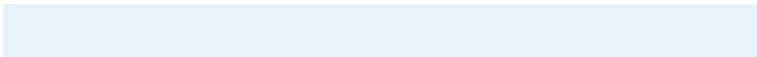
85.8597, 87.9006, 91.7981



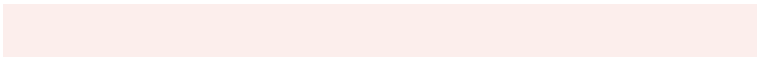
86.3482, 93.2308, 105.5408

Split Complementary

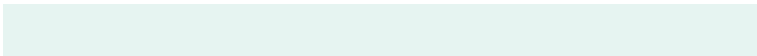
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2611, 87.9006, 102.5829



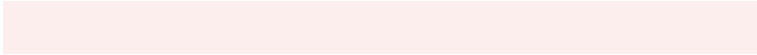
85.8597, 87.9006, 91.7981



80.8983, 87.9006, 95.8611

Square

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



85.8597, 87.9006, 91.7981



82.1700, 87.9006, 89.2942



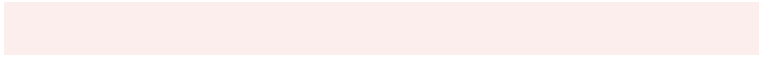
81.2760, 87.9006, 99.7290



84.9391, 87.9006, 102.4235

Rectangle

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



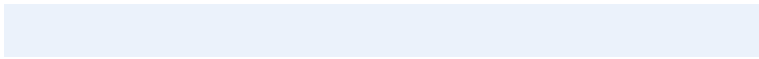
85.8597, 87.9006, 91.7981



83.9601, 87.9006, 88.3302



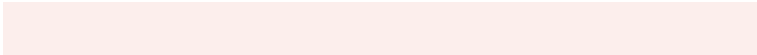
81.2760, 87.9006, 99.7290



83.1350, 87.9006, 103.4873

Sweetspot

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



85.8622, 87.9044, 91.8000



92.8329, 96.8625, 104.1638



87.4177, 87.5981, 102.8539



19.8933, 20.7655, 22.3449



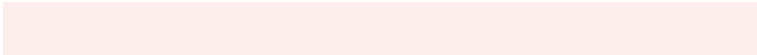
0.0000, 0.0000, 0.0000



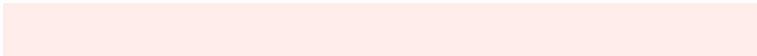
20.3446, 21.4041, 23.3091

Same Dimension

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



85.8622, 87.9044, 91.8000



86.5069, 87.8935, 90.7004



88.2015, 92.5832, 92.5798



17.4198, 17.5754, 17.9367



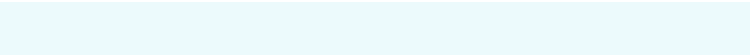
21.2311, 11.4190, 1.0851



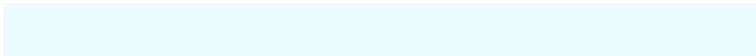
2.0200, 1.1649, 0.1184

Inverse Universe

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



86.3482, 93.2308, 105.5408



87.1292, 94.7145, 108.2973



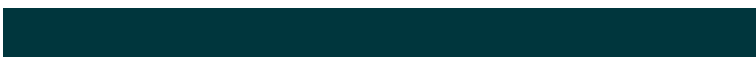
83.9558, 88.4461, 104.7433



17.5694, 19.2156, 22.1683



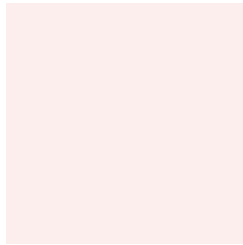
22.6190, 30.5936, 52.6866



2.1453, 2.9342, 4.8965

Previews

White Background



This preview shows how the XYZ color 85.8597, 87.9006, 91.7981 looks on a white background.

Color Contrast Check

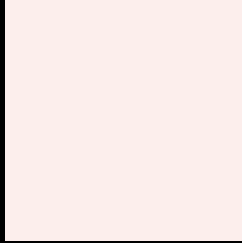
Large Text (above 18pt) WCAG AA × Fail

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 85.8597, 87.9006, 91.7981 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

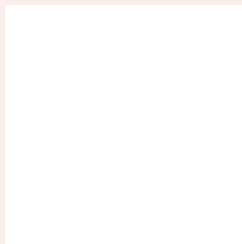
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8597, 87.9006, 91.7981

Background



This preview shows how black text looks on a background with the XYZ color 85.8597, 87.9006, 91.7981.



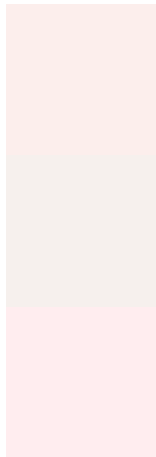
This preview shows how white text looks on a background with the XYZ color 85.8597, 87.9006,

91.7981.

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

85.8597, 87.9006, 91.7981

Protanopia

84.4522, 88.0274, 92.6606

Deuteranopia

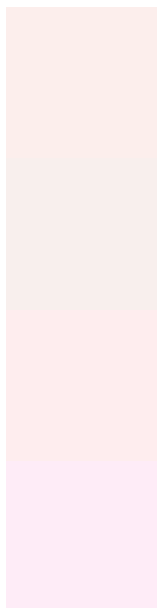
87.1042, 88.0604, 94.0678



Tritanopia

88.8377, 87.8324, 106.0370

Trichromacy



Original Color

85.8597, 87.9006, 91.7981

Protanomaly

84.8640, 87.8039, 92.5958

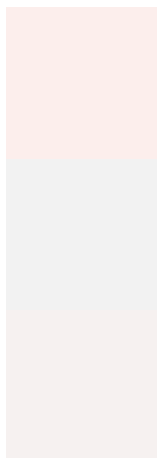
Deuteranomaly

86.5899, 87.8123, 93.2746

Tritanomaly

87.6570, 87.7771, 100.3183

Monochromacy



Original Color

85.8597, 87.9006, 91.7981

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.1895, 88.7947, 95.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8597, 87.9006, 91.7981 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(252, 238, 236) looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 236)  
}
```

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(252, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.8597, 87.9006, 91.7981 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(252, 238, 236) }
```


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

```
.border{ border-color:rgb(252, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 238,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8597, 87.9006, 91.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 236) }
```

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

```
.background{ background-color: rgb(252,  
238, 236) }
```

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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