

Converting Colors

XYZ(85.1189, 87.3936, 97.2489)

Have a look what the booklet for
XYZ(85.1189, 87.3936, 97.2489)
contains.

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Color

**XYZ(85.1100, 87.3943,
97.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEF3
RGB	247, 238, 243
RGB Percent	97%, 93%, 95%
CMY	0.0314, 0.0666, 0.0471
CMYK	0.00, 0.04, 0.02, 0.03
HSL	327°, 36%, 95%
HSV	327°, 4%, 97%
XYZ	85.1100, 87.3943, 97.1770
YIQ	241.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

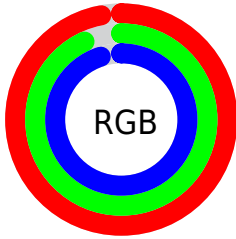
Format	Color
R _Y B	247, 238, 243
Decimal	16248563
CIE Lab	94.91, 3.89, -1.34
CIE LCh	95, 4.115, 340.950
Yxy	87.3943, 0.3156, 0.3241
Android (android.graphics.Color)	4294438643 (0xFF7EEF3)
YUV	241.2610, 0.8573, 5.0331
Hunter-Lab	93.4849, -1.0897, 3.8079

Details

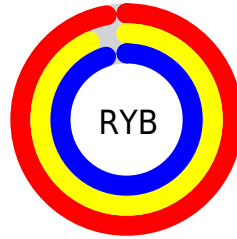
The XYZ color **85.1100, 87.3943, 97.1770** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5510, 91.1118, 97.1390**, and the grayscale version is **83.8082, 88.1727, 96.0201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1834, 48.1201, 53.8150** is the 20% darker color. If you saturate the color by 10%, you get **76.7977, 73.3441, 86.4669**, and if you desaturate by 10%, it is **92.0053, 98.4492, 107.9065**.

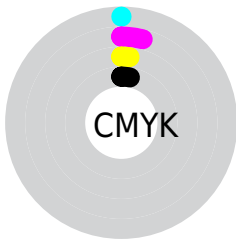
Distribution



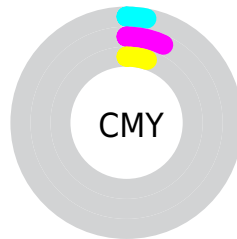
- Red (97%)
- Green (93%)
- Blue (95%)



- Red (97%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1100, 87.3943, 97.1770 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 85.1100, 87.3943, 97.1770 by changing the saturation by 10% instead.


 85.1100, 87.3943,
97.1770

 85.1100, 87.3943,
97.1770


500.4702,
519.5177, 572.2726

 64.2551, 65.8216,
73.3414


139.4401,
143.7136, 159.2902

 47.1198, 48.1276,
53.7616


173.6460,
179.2289, 198.4048

 33.3387, 33.9279,
38.0192

213.0329,
220.1606, 243.4494

 22.5465, 22.8382,
25.6957

257.9661,
266.8930, 294.8427

 14.3779, 14.4741,
16.3724

308.8111,
319.8105, 353.0031

 8.4674, 8.4511,
9.6308

365.9333,

 4.4498, 4.3850,

379.2975, 418.3492

5.0525

429.6978,
445.7384, 491.2995

■ 1.9596, 1.8911,
2.2188

■ 0.6111, 0.5430,
0.6852

■ 85.1100, 87.3943,
97.1770

■ 85.1100, 87.3943,
97.1770

■ 76.7977, 73.3441,
86.4669

■ 92.0053, 98.4492,
107.9065

■ 69.5271, 61.2225,
76.5841

■ 92.1684, 98.5145,
108.7651

■ 63.2563, 50.9473,
67.5069

■ 57.9376, 42.4259,
59.2105

■ 53.5192, 35.5579,
51.6684

■ 49.9442, 30.2323,
44.8520

■ 47.1486, 26.3247,
38.7304

■ 45.0588, 23.6906,
33.2687

■ 43.5851, 22.1547,
28.4264

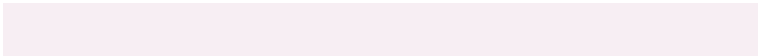
Harmonies

Analogous

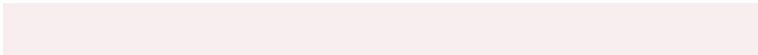
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4796, 87.3943, 99.8738



85.1100, 87.3943, 97.1770



85.1897, 87.3943, 93.9953

Triad

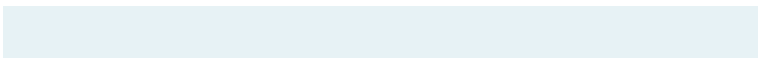
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1100, 87.3943, 97.1770



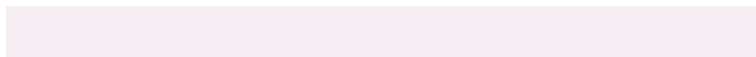
82.6588, 87.3943, 89.2520



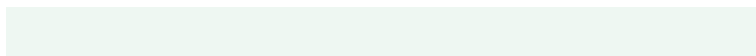
81.4559, 87.3943, 99.2413

Complementary

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



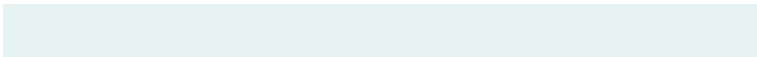
85.1100, 87.3943, 97.1770



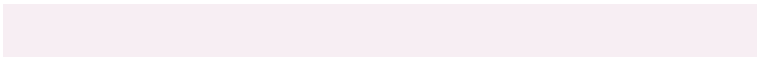
84.5510, 91.1118, 97.1390

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.



80.9772, 87.3943, 96.3294



85.1100, 87.3943, 97.1770



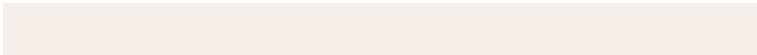
81.6676, 87.3943, 90.5922

Square

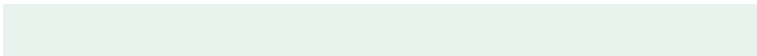
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



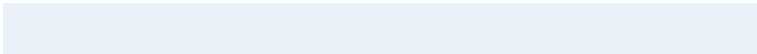
85.1100, 87.3943, 97.1770



83.7678, 87.3943, 89.4674



81.0543, 87.3943, 93.1662



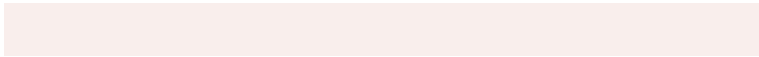
82.3674, 87.3943, 101.0839

Rectangle

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



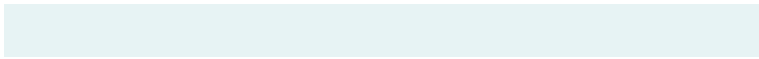
85.1100, 87.3943, 97.1770



84.9191, 87.3943, 92.0326



81.0543, 87.3943, 93.1662



81.2394, 87.3943, 98.3524

Sweetspot

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



85.1125, 87.3981, 97.1789



94.0598, 98.3110, 107.6720



83.9500, 86.7282, 100.3126



20.1431, 21.0604, 23.0592



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.



85.1125, 87.3981, 97.1789



91.1602, 93.3752, 104.0434



84.4563, 87.1356, 93.7237



17.7312, 18.0705, 20.2207



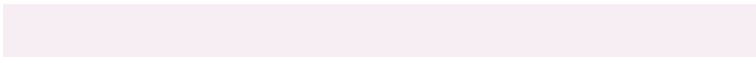
22.7533, 11.4448, 13.9413



2.0515, 1.0266, 1.4976

Inverse Universe

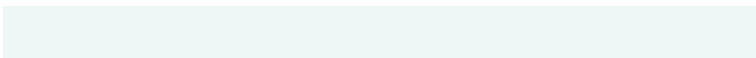
The Inverse Universe completely reimagines the original color for something new.



85.1125, 87.3981, 97.1789



91.1602, 93.3752, 104.0434



85.2194, 91.3792, 100.6590



17.7312, 18.0705, 20.2207



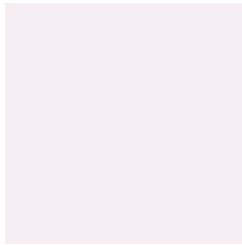
22.7533, 11.4448, 13.9413



2.0515, 1.0266, 1.4976

Previews

White Background



This preview shows how the XYZ color 85.1100, 87.3943, 97.1770 looks on a white background.

Color Contrast Check

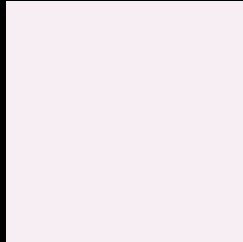
Large Text (above 18pt) WCAG AA × Fail

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 85.1100, 87.3943, 97.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

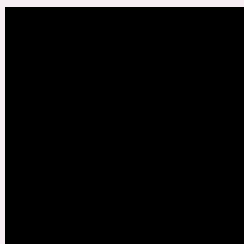
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

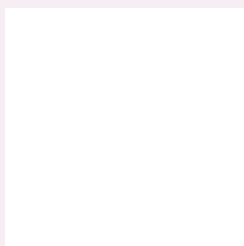
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1100, 87.3943, 97.1770

Background



This preview shows how black text looks on a background with the XYZ color 85.1100, 87.3943, 97.1770.



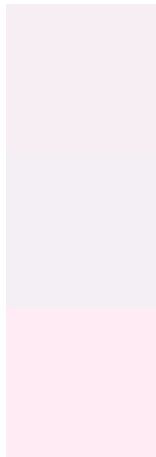
This preview shows how white text looks on a background with the XYZ color 85.1100, 87.3943,

97.170.

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

85.1100, 87.3943, 97.1770

Protanopia

84.1578, 87.3193, 98.0067

Deuteranopia

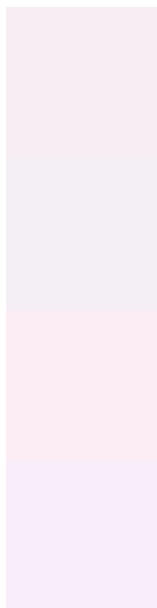
87.1260, 87.1477, 97.0232



Tritanopia

87.1124, 87.3506, 106.8768

Trichromacy



Original Color

85.1100, 87.3943, 97.1770

Protanomaly

84.5039, 87.4978, 98.0229

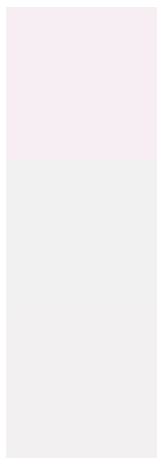
Deuteranomaly

86.3180, 87.1574, 97.0676

Tritanomaly

86.4082, 87.4899, 103.5998

Monochromacy



Original Color

85.1100, 87.3943, 97.1770

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.1492, 87.7857, 96.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1100, 87.3943, 97.1770 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, 238, 243) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 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(247, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.1100, 87.3943, 97.1770 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, 238, 243) }
```


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

```
.border{ border-color:rgb(247, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1100, 87.3943, 97.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 243) }
```

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

```
.background{ background-color: rgb(247,  
238, 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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