

Converting Colors

XYZ(85.7193, 86.9182, 93.9123)

Have a look what the booklet for
XYZ(85.7193, 86.9182, 93.9123)
contains.

XYZ(85.7203, 86.9183, 93.9203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.7203, 86.9183,
93.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	FCECEF
RGB	252, 236, 239
RGB Percent	99%, 93%, 94%
CMY	0.0118, 0.0745, 0.0627
CMYK	0.00, 0.06, 0.05, 0.01
HSL	349°, 73%, 96%
HSV	349°, 6%, 99%
XYZ	85.7203, 86.9183, 93.9203
YIQ	241.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

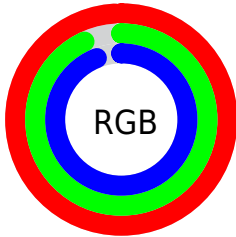
Format	Color
R _Y B	252, 236, 239
Decimal	16575727
CIE Lab	94.70, 5.91, 0.48
CIE LCh	95, 5.928, 4.688
Yxy	86.9183, 0.3216, 0.3261
Android (android.graphics.Color)	4294765807 (0xFFFCCECF)
YUV	241.1260, -1.0481, 9.5365
Hunter-Lab	93.2300, 0.9693, 5.5320

Details

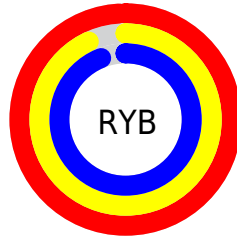
The XYZ color **85.7203, 86.9183, 93.9203** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5046, 94.2954, 103.2687**, and the grayscale version is **83.7136, 88.0733, 95.9118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3742, 47.6635, 51.5028** is the 20% darker color. If you saturate the color by 10%, you get **76.1146, 72.2771, 76.6270**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

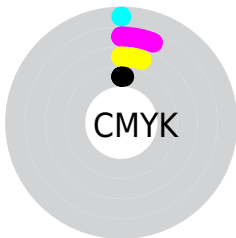
Distribution



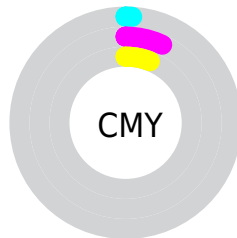
- Red (99%)
- Green (93%)
- Blue (94%)



- Red (99%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7203, 86.9183, 93.9203 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 85.7203, 86.9183, 93.9203 by changing the saturation by 10% instead.


 85.7203, 86.9183,
93.9203

 85.7203, 86.9183,
93.9203


502.4563,
517.9544, 561.5984

 64.7612, 65.4276,
70.6448


140.2879,
143.0503, 154.7548

 47.5315, 47.8079,
51.5723

174.6272,
178.4603, 193.1509

 33.6657, 33.6748,
36.2844

214.1572,
219.2789, 237.4242

 22.7986, 22.6439,
24.3625

259.2434,
265.8905, 287.9933

 14.5647, 14.3308,
15.3880

310.2510,
318.6794, 345.2767

 8.5988, 8.3511,
8.9425

367.5455,

 4.5354, 4.3204,

378.0301, 409.6930

4.6074

431.4921,
444.3270, 481.6608

■ 2.0093, 1.8544,
1.9641

■ 0.6392, 0.5207,
0.5331

■ 85.7203, 86.9183,
93.9203

■ 85.7203, 86.9183,
93.9203

■ 76.1146, 72.2771,
76.6270

93.9554, 99.4357,
108.8488

■ 67.8190, 59.7267,
61.4046

■ 60.7784, 49.1748,
48.1766

■ 54.9306, 40.5180,
36.8595

■ 50.2085, 33.6433,
27.3639

■ 46.5378, 28.4258,
19.5931

■ 43.8353, 24.7241,
13.4410

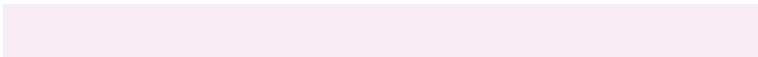
■ 42.0044, 22.3732,
8.7895

■ 40.9272, 21.1683,
5.5028

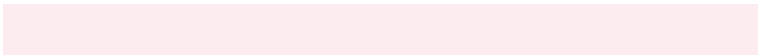
Harmonies

Analogous

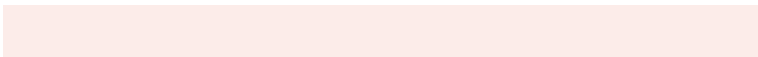
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4282, 86.9183, 98.4599



85.7203, 86.9183, 93.9203



85.1711, 86.9183, 89.7087

Triad

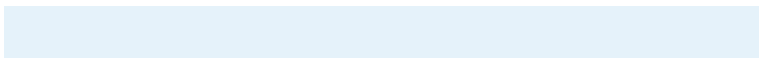
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7203, 86.9183, 93.9203



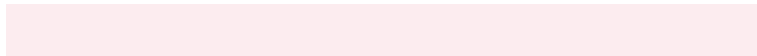
80.8732, 86.9183, 87.5717



81.3037, 86.9183, 102.8372

Complementary

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



85.7203, 86.9183, 93.9203



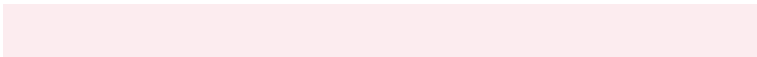
86.5046, 94.2954, 103.2687

Split Complementary

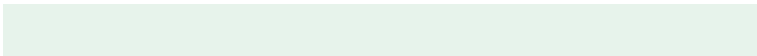
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1071, 86.9183, 99.7473



85.7203, 86.9183, 93.9203



79.8608, 86.9183, 90.9188

Square

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



85.7203, 86.9183, 93.9203



82.3618, 86.9183, 86.1194



79.5822, 86.9183, 95.3619



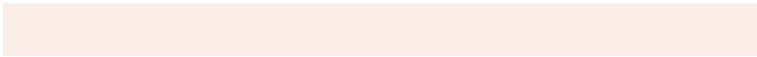
82.8652, 86.9183, 103.7033

Rectangle

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



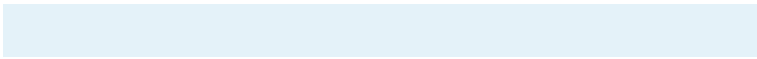
85.7203, 86.9183, 93.9203



84.4059, 86.9183, 87.6239



79.5822, 86.9183, 95.3619



80.8461, 86.9183, 102.0193

Sweetspot

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



85.7228, 86.9221, 93.9222



92.7843, 96.5250, 104.8881



86.5645, 87.1261, 104.3512



19.8834, 20.6967, 22.4925



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

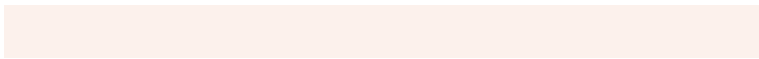
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7228, 86.9221, 93.9222



86.3284, 86.6457, 93.3876



86.6840, 89.5471, 92.0769



17.3774, 17.2783, 18.5771



21.2204, 10.9039, 2.6030



1.9999, 1.0237, 0.4230

Inverse Universe

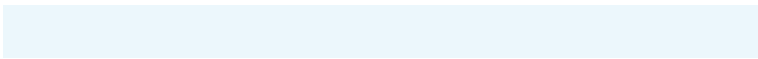
The Inverse Universe completely reimagines the original color for something new.



85.7228, 86.9221, 93.9222



86.3284, 86.6457, 93.3876



85.4877, 91.5078, 105.2537



17.3774, 17.2783, 18.5771



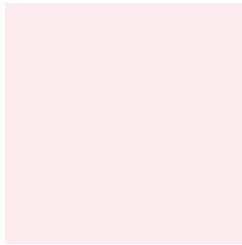
21.2204, 10.9039, 2.6030



1.9999, 1.0237, 0.4230

Previews

White Background



This preview shows how the XYZ color 85.7203, 86.9183, 93.9203 looks on a white background.

Color Contrast Check

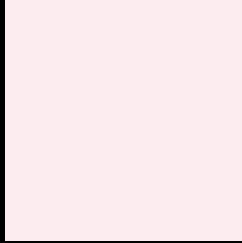
Large Text (above 18pt) WCAG AA × Fail

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 85.7203, 86.9183, 93.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

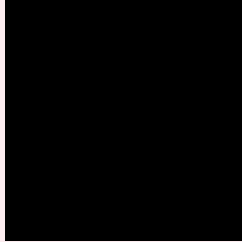
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7203, 86.9183, 93.9203

Background



This preview shows how black text looks on a background with the XYZ color 85.7203, 86.9183, 93.9203.



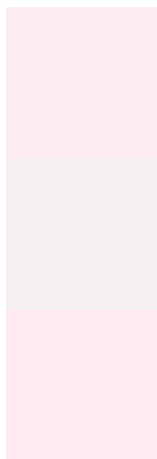
This preview shows how white text looks on a background with the XYZ color 85.7203, 86.9183,

93.9 03.

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

85.7203, 86.9183, 93.9203

Protanopia

83.9029, 87.2574, 94.8583

Deuteranopia

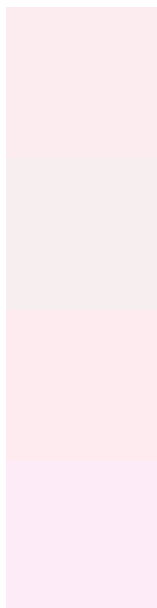
86.6765, 86.9679, 94.6562



Tritanopia

87.8666, 86.9447, 104.2464

Trichromacy



Original Color

85.7203, 86.9183, 93.9203

Protanomaly

84.6605, 87.2145, 94.8101

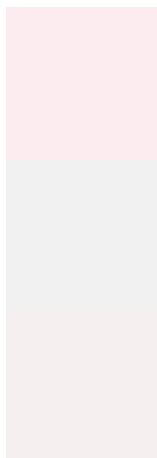
Deuteranomaly

86.3096, 86.7788, 94.6390

Tritanomaly

87.0048, 87.0147, 100.2056

Monochromacy



Original Color

85.7203, 86.9183, 93.9203

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2509, 87.4368, 94.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7203, 86.9183, 93.9203 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, 236, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 239)  
}
```

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, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.7203, 86.9183, 93.9203 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, 236, 239) }
```


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

```
.border{ border-color:rgb(252, 236, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7203, 86.9183, 93.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 239) }
```

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

```
.background{ background-color: rgb(252,  
236, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor