

Converting Colors

XYZ(85.3845, 88.8468, 97.5286)

Have a look what the booklet for
XYZ(85.3845, 88.8468, 97.5286)
contains.

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Color

**XYZ(85.2891, 88.7941,
97.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1F3
RGB	245, 241, 243
RGB Percent	96%, 95%, 95%
CMY	0.0392, 0.0549, 0.0471
CMYK	0.00, 0.02, 0.01, 0.04
HSL	330°, 17%, 95%
HSV	330°, 2%, 96%
XYZ	85.2891, 88.7941, 97.4378
YIQ	242.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

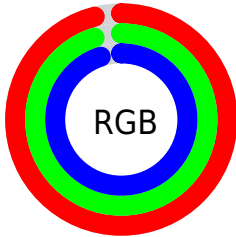
Format	Color
R_{YB}	245, 241, 243
Decimal	16118259
CIE Lab	95.49, 1.69, -0.50
CIE LCh	95, 1.761, 343.515
Yxy	88.7941, 0.3141, 0.3270
Android (android.graphics.Color)	4294308339 (0xFF5F1F3)
YUV	242.4240, 0.2840, 2.2592
Hunter-Lab	94.2306, -3.3414, 4.6535

Details

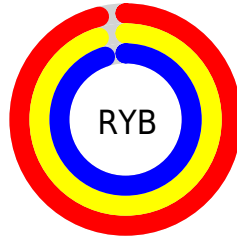
The XYZ color **85.2891, 88.7941, 97.4378** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.1089, 90.4789, 97.7768**, and the grayscale version is **84.7330, 89.1457, 97.0796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3049, 49.1046, 53.9986** is the 20% darker color. If you saturate the color by 10%, you get **76.7294, 74.5388, 85.7522**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

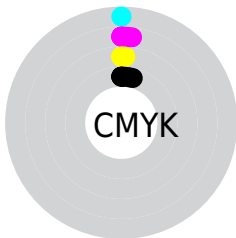
Distribution



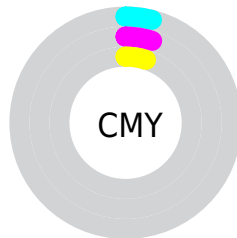
- Red (96%)
- Green (95%)
- Blue (95%)



- Red (96%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2891, 88.7941, 97.4378 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 85.2891, 88.7941, 97.4378 by changing the saturation by 10% instead.

85.2891, 88.7941,
97.4378

85.2891, 88.7941,
97.4378

501.0535,
524.1003, 573.1227

64.4036, 66.9809,
73.5576

139.6890,
145.6622, 159.6527

47.2405, 49.0691,
53.9374

173.9340,
181.4859, 198.8244

33.4346, 34.6743,
38.1588

213.3630,
222.7486, 243.9304

22.6204, 23.4121,
25.8032

258.3412,
269.8346, 295.3891

14.4326, 14.8981,
16.4520

309.2339,
323.1284, 353.6192

8.5059, 8.7479,
9.6868

366.4067,

4.4748, 4.5771,

383.0144, 419.0391

5.0889

430.2247,
449.8768, 492.0675

■ 1.9741, 2.0013,
2.2399

■ 0.6194, 0.6083,
0.6972

■ 85.2891, 88.7941,
97.4378

■ 85.2891, 88.7941,
97.4378

■ 76.7294, 74.5388,
85.7522

■ 91.4667, 98.1527,
108.7323

■ 69.2251, 62.2015,
75.0157

■ 62.7351, 51.7025,
65.2035

■ 57.2124, 42.9522,
56.2874

■ 52.6065, 35.8536,
48.2375

■ 48.8618, 30.2998,
41.0218

■ 45.9163, 26.1715,
34.6056

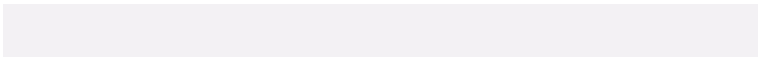
■ 43.6990, 23.3313,
28.9509

■ 42.1250, 21.6147,
24.0140

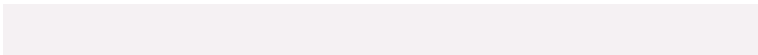
Harmonies

Analogous

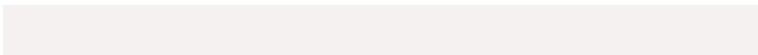
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0367, 88.7941, 98.6219



85.2891, 88.7941, 97.4378



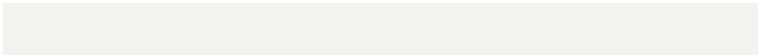
85.3016, 88.7941, 96.0619

Triad

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



85.2891, 88.7941, 97.4378



84.1794, 88.7941, 94.1205



83.7249, 88.7941, 98.5232

Complementary

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



85.2891, 88.7941, 97.4378



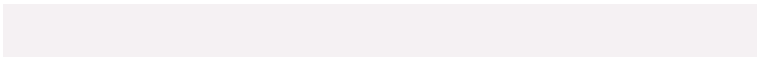
85.1089, 90.4789, 97.7768

Split Complementary

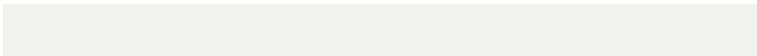
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4971, 88.7941, 97.3041



85.2891, 88.7941, 97.4378



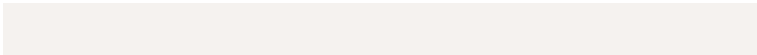
83.7588, 88.7941, 94.7671

Square

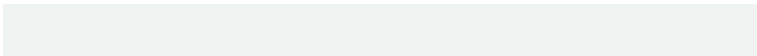
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2891, 88.7941, 97.4378



84.6597, 88.7941, 94.1556



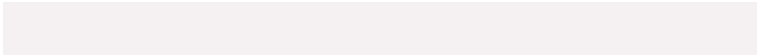
83.5094, 88.7941, 95.9295



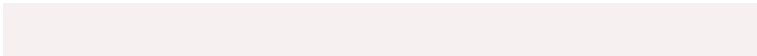
84.1331, 88.7941, 99.2526

Rectangle

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



85.2891, 88.7941, 97.4378



85.1722, 88.7941, 95.2216



83.5094, 88.7941, 95.9295



83.6248, 88.7941, 98.1566

Sweetspot

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



85.2916, 88.7979, 97.4397

95.0500, 100.0000, 108.9000



84.9021, 88.5620, 99.0067



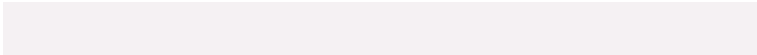
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

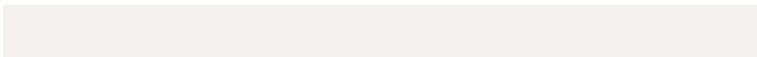
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2916, 88.7979, 97.4397



93.0363, 96.6258, 106.2149



84.9917, 88.6780, 95.8606



18.2554, 18.9730, 20.8454



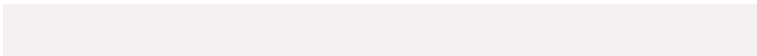
22.2613, 11.2480, 11.3505



2.0084, 1.0093, 1.2707

Inverse Universe

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



85.2916, 88.7979, 97.4397



93.0363, 96.6258, 106.2149



85.4121, 90.6001, 99.3732



18.2554, 18.9730, 20.8454



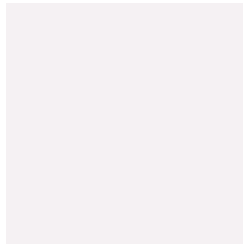
22.2613, 11.2480, 11.3505



2.0084, 1.0093, 1.2707

Previews

White Background



This preview shows how the XYZ color 85.2891, 88.7941, 97.4378 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 85.2891, 88.7941, 97.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

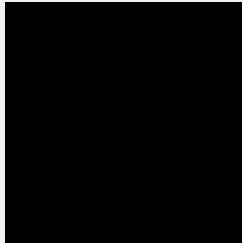
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

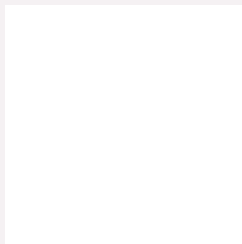
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2891, 88.7941, 97.4378

Background



This preview shows how black text looks on a background with the XYZ color 85.2891, 88.7941, 97.4378.



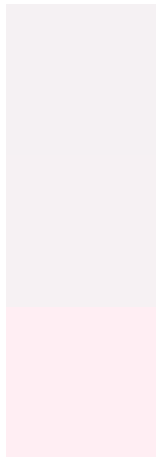
This preview shows how white text looks on a background with the XYZ color 85.2891, 88.7941,

97.4378.

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

85.2891, 88.7941, 97.4378

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

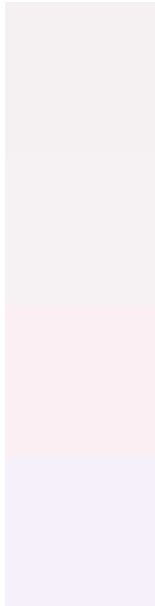
87.9922, 88.8801, 97.3119



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

85.2891, 88.7941, 97.4378

Protanomaly

85.6390, 88.9745, 97.4542

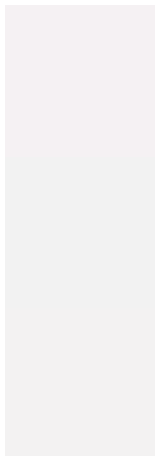
Deuteranomaly

86.8278, 88.7133, 97.3411

Tritanomaly

86.5787, 88.8780, 103.8588

Monochromacy



Original Color

85.2891, 88.7941, 97.4378

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.7413, 88.9698, 96.7109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2891, 88.7941, 97.4378 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(245, 241, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 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(245, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.2891, 88.7941, 97.4378 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(245, 241, 243) }
```

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

```
.border{ border-color:rgb(245, 241, 243) }
```

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

Here you see how a box with a 4 pixel rgb(245, 241, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 85.2891, 88.7941, 97.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 243) }
```

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

```
.background{ background-color: rgb(245,  
241, 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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