

Converting Colors

XYZ(84.2442, 88.6189, 94.5604)

Have a look what the booklet for
XYZ(84.2442, 88.6189, 94.5604)
contains.

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Color

**XYZ(84.2943, 88.7909,
94.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2EF
RGB	243, 242, 239
RGB Percent	95%, 95%, 94%
CMY	0.0471, 0.0510, 0.0627
CMYK	0.00, 0.00, 0.02, 0.05
HSL	45°, 14%, 95%
HSV	45°, 2%, 95%
XYZ	84.2943, 88.7909, 94.3569
YIQ	241.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

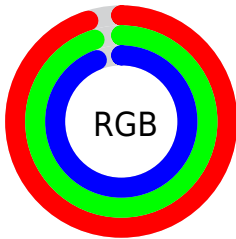
Format	Color
R _Y B	240, 243, 239
Decimal	15987439
CIE Lab	95.49, -0.19, 1.55
CIE LCh	95, 1.562, 96.896
Yxy	88.7909, 0.3152, 0.3320
Android (android.graphics.Color)	4294177519 (0xFF3F2EF)
YUV	241.9570, -1.4578, 0.9147
Hunter-Lab	94.2289, -5.2200, 6.5897

Details

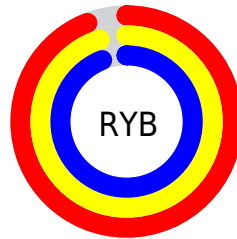
The XYZ color **84.2943, 88.7909, 94.3569** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9345, 87.1410, 97.2442**, and the grayscale version is **84.3766, 88.7707, 96.6713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5997, 49.1015, 51.8212** is the 20% darker color. If you saturate the color by 10%, you get **79.1726, 83.9108, 76.1126**, and if you desaturate by 10%, it is **88.5976, 93.4447, 107.9748**.

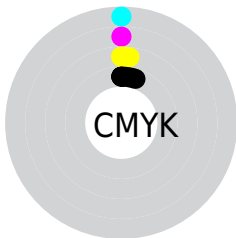
Distribution



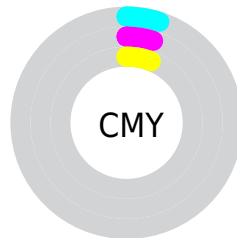
- Red (95%)
- Green (95%)
- Blue (94%)



- Red (94%)
- Yellow (95%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2943, 88.7909, 94.3569 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 84.2943, 88.7909, 94.3569 by changing the saturation by 10% instead.

84.2943, 88.7909,
94.3569

84.2943, 88.7909,
94.3569

497.8089,
524.0898, 563.0358

63.5790, 66.9783,
71.0059

138.3059,
145.6578, 155.3638

46.5702, 49.0670,
51.8652

172.3329,
181.4808, 193.8567

32.9025, 34.6726,
36.5161

211.5278,
222.7427, 238.2341

22.2106, 23.4108,
24.5402

256.2561,
269.8279, 288.9144

14.1292, 14.8971,
15.5189

306.8829,
323.1208, 346.3161

8.2929, 8.7472,
9.0337

363.7738,

4.3363, 4.5767,

383.0059, 410.8579

4.6661

427.2940,
449.8674, 482.9583

■ 1.8941, 2.0011,
1.9974

■ 0.5734, 0.6081,
0.5537

■ 84.2943, 88.7909,
94.3569

■ 84.2943, 88.7909,
94.3569

■ 79.1726, 83.9108,
76.1126

■ 88.5976, 93.4447,
107.9748

■ 74.5710, 79.3303,
60.3275

■ 90.4888, 97.2270,
108.6052

■ 70.4710, 75.0440,
46.8958

■ 90.7727, 97.7950,
108.6998

■ 66.8503, 71.0420,
35.7020

■ 63.6843, 67.3135,
26.6207

■ 60.9465, 63.8470,
19.5140

■ 58.6068, 60.6294,
14.2278

■ 56.6311, 57.6460,
10.5845

■ 54.9782, 54.8795,
8.3711

Harmonies

Analogous

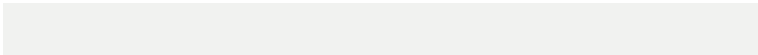
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7165, 88.7909, 94.5262



84.2943, 88.7909, 94.3569



83.8999, 88.7909, 94.8053

Triad

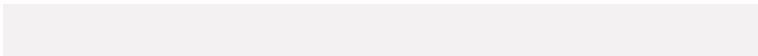
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2943, 88.7909, 94.3569



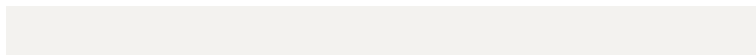
83.7366, 88.7909, 98.1003



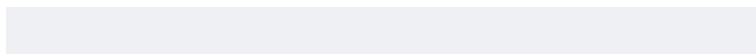
85.1524, 88.7909, 97.6061

Complementary

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



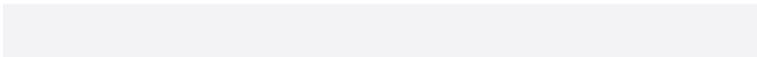
84.2943, 88.7909, 94.3569



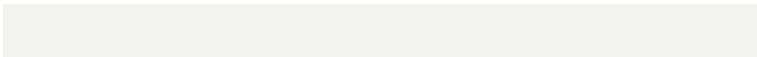
82.9345, 87.1410, 97.2442

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.



84.8882, 88.7909, 98.5756



84.2943, 88.7909, 94.3569



84.0705, 88.7909, 98.8626

Square

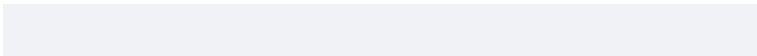
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



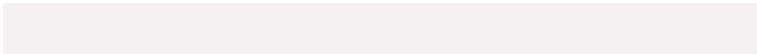
84.2943, 88.7909, 94.3569



83.5786, 88.7909, 96.9615



84.4920, 88.7909, 99.0373



85.2128, 88.7909, 96.3954

Rectangle

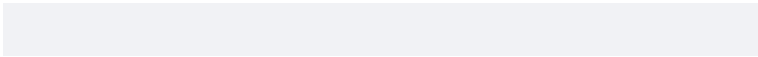
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



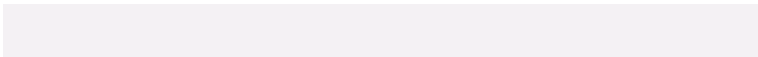
84.2943, 88.7909, 94.3569



83.7055, 88.7909, 95.3965



84.4920, 88.7909, 99.0373



85.0844, 88.7909, 97.9713

Sweetspot

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



84.2968, 88.7947, 94.3588

95.0500, 100.0000, 108.9000



83.5582, 87.0804, 94.8436



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.



84.2968, 88.7947, 94.3588



93.8358, 98.8683, 104.4981



84.2499, 89.2119, 94.4418



18.4039, 19.3894, 20.5266



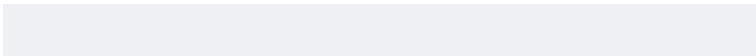
29.6345, 29.1547, 4.0655



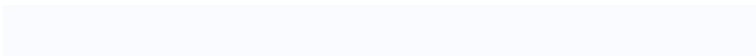
2.6853, 2.7239, 0.3842

Inverse Universe

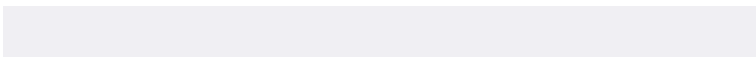
The Inverse Universe completely reimagines the original color for something new.



82.9345, 87.1410, 97.2442



91.9888, 96.6261, 108.4101



82.9807, 86.7307, 97.1625



18.0610, 18.9731, 21.2528



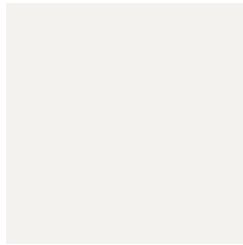
9.8697, 5.5333, 47.0859



0.9457, 0.6427, 4.1645

Previews

White Background



This preview shows how the XYZ color 84.2943, 88.7909, 94.3569 looks on a white background.

Color Contrast Check

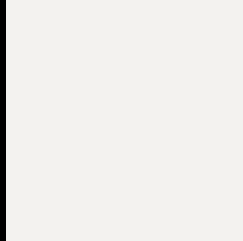
Large Text (above 18pt) WCAG AA × Fail

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 84.2943, 88.7909, 94.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

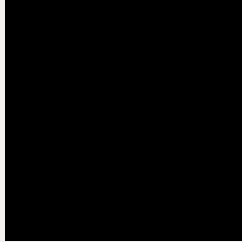
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

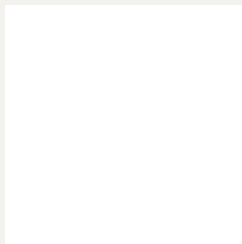
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2943, 88.7909, 94.3569

Background



This preview shows how black text looks on a background with the XYZ color 84.2943, 88.7909, 94.3569.



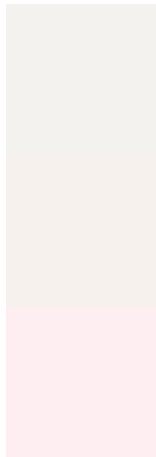
This preview shows how white text looks on a background with the XYZ color 84.2943, 88.7909,

94.3569.

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

84.2943, 88.7909, 94.3569

Protanopia

85.2457, 88.8578, 93.5473

Deuteranopia

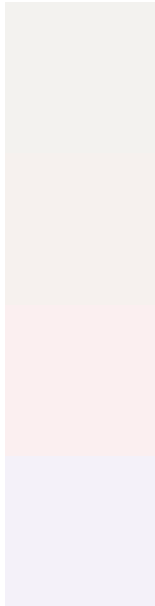
87.6917, 88.7599, 95.7296



Tritanopia

86.8663, 88.9527, 107.1990

Trichromacy



Original Color

84.2943, 88.7909, 94.3569

Protanomaly

84.8939, 88.6765, 93.5308

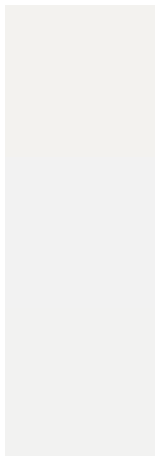
Deuteranomaly

86.3783, 88.5335, 94.9741

Tritanomaly

85.8624, 88.9832, 102.2726

Monochromacy



Original Color

84.2943, 88.7909, 94.3569

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2473, 88.7324, 95.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2943, 88.7909, 94.3569 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(243, 242, 239) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 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(243, 242, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.2943, 88.7909, 94.3569 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(243, 242, 239) }
```

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

```
.border{ border-color:rgb(243, 242, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 242, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 84.2943, 88.7909, 94.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 239) }
```

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

```
.background{ background-color: rgb(243,  
242, 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](#).

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