

Converting Colors

XYZ(84.5257, 88.2266, 93.8800)

Have a look what the booklet for
XYZ(84.5257, 88.2266, 93.8800)
contains.

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Color

**XYZ(84.3963, 87.9646,
94.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0EF
RGB	245, 240, 239
RGB Percent	96%, 94%, 94%
CMY	0.0392, 0.0588, 0.0627
CMYK	0.00, 0.02, 0.02, 0.04
HSL	10°, 23%, 95%
HSV	10°, 2%, 96%
XYZ	84.3963, 87.9646, 94.1921
YIQ	241.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

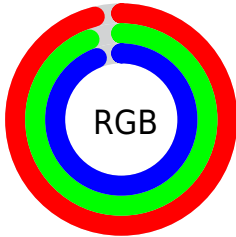
Format	Color
R_{YB}	245, 240, 239
Decimal	16117999
CIE _{Lab}	95.15, 1.50, 1.06
CIE _{LCh}	95, 1.840, 35.320
Yxy	87.9646, 0.3166, 0.3300
Android (android.graphics.Color)	4294308079 (0xFF5F0EF)
YUV	241.3810, -1.1738, 3.1739
Hunter-Lab	93.7894, -3.5086, 6.1081

Details

The XYZ color **84.3963, 87.9646, 94.1921** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4289, 89.6437, 99.2406**, and the grayscale version is **83.9185, 88.2888, 96.1465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6740, 48.5187, 51.7048** is the 20% darker color. If you saturate the color by 10%, you get **75.3482, 75.2728, 74.5125**, and if you desaturate by 10%, it is **91.4668, 98.1528, 108.7323**.

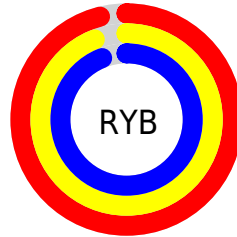
Distribution



Red (96%)

Green (94%)

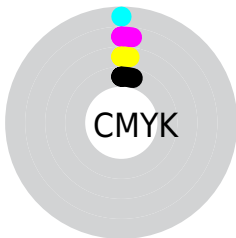
Blue (94%)



Red (96%)

Yellow (94%)

Blue (94%)

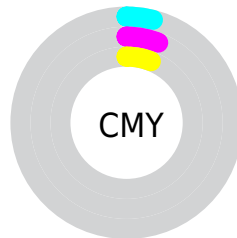


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (4%)



Cyan (4%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3963, 87.9646, 94.1921 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 84.3963, 87.9646, 94.1921 by changing the saturation by 10% instead.

84.3963, 87.9646,
94.1921

84.3963, 87.9646,
94.1921

498.1421,
521.3873, 562.4935

63.6635, 66.2938,
70.8696

138.4478,
144.5079, 155.1339

46.6388, 48.5109,
51.7546

172.4972,
180.1491, 193.5903

32.9570, 34.2317,
36.4286

211.7162,
221.2159, 237.9285

22.2526, 23.0716,
24.4731

256.4701,
268.0926, 288.5668

14.1602, 14.6464,
15.4695

307.1243,
321.1638, 345.9239

8.3147, 8.5716,
8.9993

364.0441,

4.3504, 4.4628,

380.8137, 410.4184

4.6439

427.5949,
447.4267, 482.4687

■ 1.9022, 1.9357,
1.9848

■ 0.5781, 0.5697,
0.5459

■ 84.3963, 87.9646,
94.1921

■ 84.3963, 87.9646,
94.1921

■ 75.3482, 75.2728,
74.5125

■ 91.4668, 98.1528,
108.7323

■ 67.4217, 64.0715,
57.5295

■ 60.5748, 54.3093,
43.1271

■ 54.7603, 45.9274,
31.1784

■ 49.9272, 38.8631,
21.5460

■ 46.0202, 33.0488,
14.0789

■ 42.9783, 28.4107,
8.6079

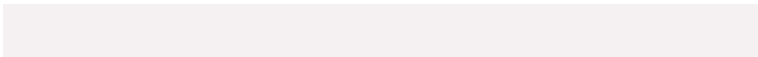
■ 40.7328, 24.8671,
4.9385

■ 39.2037, 22.3254,
2.8369

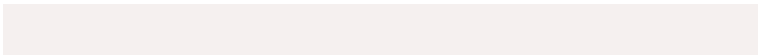
Harmonies

Analogous

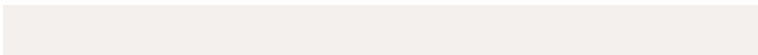
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5707, 87.9646, 95.5229



84.3963, 87.9646, 94.1921



84.0107, 87.9646, 93.2931

Triad

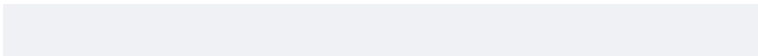
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3963, 87.9646, 94.1921



82.7353, 87.9646, 94.6310



83.6971, 87.9646, 98.5522

Complementary

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



84.3963, 87.9646, 94.1921



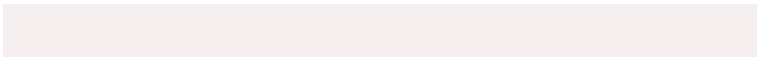
84.4289, 89.6437, 99.2406

Split Complementary

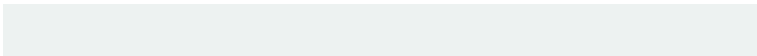
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2061, 87.9646, 98.3076



84.3963, 87.9646, 94.1921



82.6521, 87.9646, 96.0345

Square

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



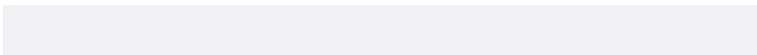
84.3963, 87.9646, 94.1921



83.0519, 87.9646, 93.5447



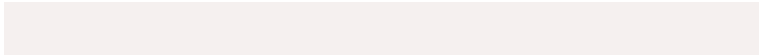
82.8241, 87.9646, 97.3826



84.1660, 87.9646, 98.0476

Rectangle

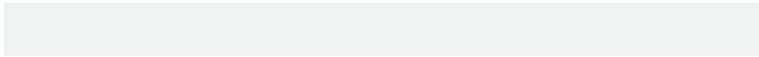
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



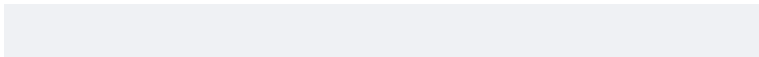
84.3963, 87.9646, 94.1921



83.6864, 87.9646, 93.0547



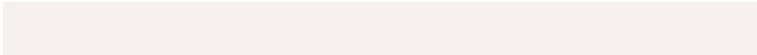
82.8241, 87.9646, 97.3826



83.5291, 87.9646, 98.5550

Sweetspot

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



84.3988, 87.9684, 94.1940



93.9685, 98.4896, 106.5275



84.8532, 87.6786, 98.0407



20.1245, 21.0968, 22.8263



0.0000, 0.0000, 0.0000



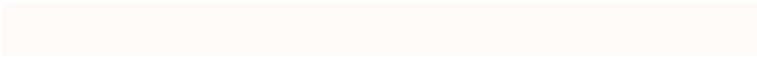
20.3446, 21.4041, 23.3091

Same Dimension

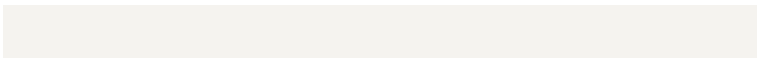
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3988, 87.9684, 94.1940



91.8440, 95.5199, 101.8756



85.2881, 89.7471, 94.4905



17.8400, 18.4962, 19.6153



20.7800, 11.4456, 1.1140



1.8895, 1.1322, 0.1189

Inverse Universe

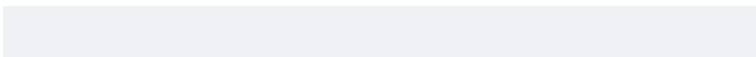
The Inverse Universe completely reimagines the original color for something new.



84.4289, 89.6437, 99.2406



91.8843, 97.7639, 108.6352



83.5347, 87.8553, 98.9426



17.8499, 19.0483, 21.2785



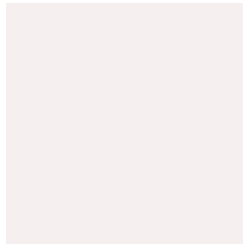
20.6006, 26.9950, 50.6628



1.8718, 2.4951, 4.4732

Previews

White Background



This preview shows how the XYZ color 84.3963, 87.9646, 94.1921 looks on a white background.

Color Contrast Check

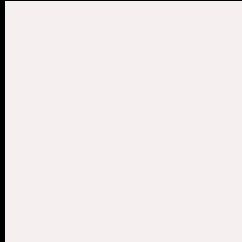
Large Text (above 18pt) WCAG AA × Fail

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 84.3963, 87.9646, 94.1921 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

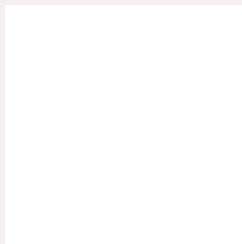
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3963, 87.9646, 94.1921

Background



This preview shows how black text looks on a background with the XYZ color 84.3963, 87.9646, 94.1921.



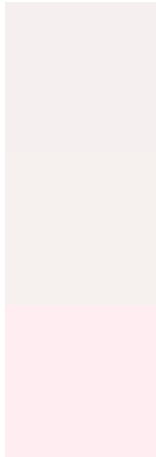
This preview shows how white text looks on a background with the XYZ color 84.3963, 87.9646, 94.1921.

94.1921.

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

84.3963, 87.9646, 94.1921

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

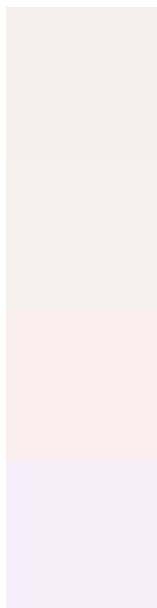
87.4014, 88.1792, 95.6328



Tritanopia

86.9823, 88.1432, 107.0366

Trichromacy



Original Color

84.3963, 87.9646, 94.1921

Protanomaly

84.7461, 88.1450, 94.2084

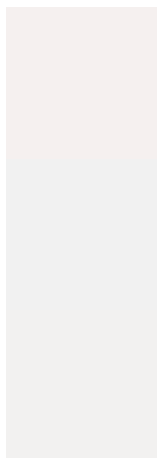
Deuteranomaly

86.0864, 87.9496, 94.8768

Tritanomaly

85.9714, 88.1654, 102.1090

Monochromacy



Original Color

84.3963, 87.9646, 94.1921

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8014, 88.0791, 95.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3963, 87.9646, 94.1921 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, 240, 239) looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 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(245, 240, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.3963, 87.9646, 94.1921 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, 240, 239) }
```


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

```
.border{ border-color:rgb(245, 240, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3963, 87.9646, 94.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 239) }
```

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

```
.background{ background-color: rgb(245,  
240, 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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