

Converting Colors

XYZ(84.4187, 87.6183, 93.4606)

Have a look what the booklet for
XYZ(84.4187, 87.6183, 93.4606)
contains.

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Color

**XYZ(84.3052, 87.4989,
93.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFEE
RGB	246, 239, 238
RGB Percent	96%, 94%, 93%
CMY	0.0353, 0.0627, 0.0667
CMYK	0.00, 0.03, 0.03, 0.04
HSL	8°, 31%, 95%
HSV	8°, 3%, 96%
XYZ	84.3052, 87.4989, 93.3345
YIQ	240.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

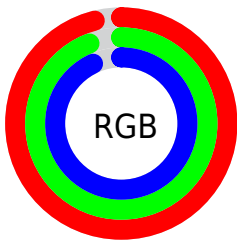
Format	Color
RYB	246, 239, 238
Decimal	16183278
CIELab	94.95, 2.18, 1.31
CIElCh	95, 2.537, 30.963
Yxy	87.4989, 0.3180, 0.3300
Android (android.graphics.Color)	4294373358 (0xFF6EFEE)
YUV	240.9790, -1.4686, 4.4034
Hunter-Lab	93.5408, -2.8205, 6.3194

Details

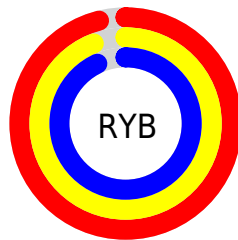
The XYZ color **84.3052, 87.4989, 93.3345** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5469, 90.1346, 100.1317**, and the grayscale version is **83.6035, 87.9574, 95.7856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6122, 48.1915, 51.1011** is the 20% darker color. If you saturate the color by 10%, you get **75.0082, 74.2982, 73.6059**, and if you desaturate by 10%, it is **91.8166, 98.3331, 108.7487**.

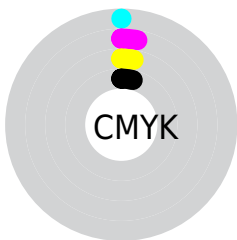
Distribution



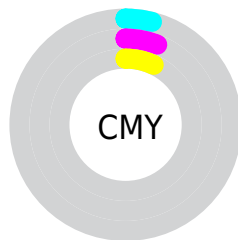
- Red (96%)
- Green (94%)
- Blue (93%)



- Red (96%)
- Yellow (94%)
- Blue (93%)



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



- Cyan (4%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3052, 87.4989, 93.3345 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 84.3052, 87.4989, 93.3345 by changing the saturation by 10% instead.

84.3052, 87.4989,
93.3345

84.3052, 87.4989,
93.3345

497.8445,
519.8608, 559.6668

63.5880, 65.9081,
70.1603

138.3211,
143.8593, 153.9373

46.5775, 48.1978,
51.1797

172.3505,
179.3978, 192.2031

32.9083, 33.9836,
35.9739

211.5480,
220.3543, 236.3365

22.2151, 22.8810,
24.1245

256.2789,
267.1132, 286.7561

14.1325, 14.5057,
15.2129

306.9087,
320.0589, 343.8803

8.2952, 8.4732,
8.8207

363.8027,

4.3378, 4.3992,

379.5758, 408.1279

4.5292

427.3262,
446.0483, 479.9171

■ 1.8950, 1.8993,
1.9199

■ 0.5739, 0.5479,
0.5054

■ 84.3052, 87.4989,
93.3345

■ 84.3052, 87.4989,
93.3345

■ 75.0082, 74.2982,
73.6059

■ 91.8166, 98.3331,
108.7487

■ 66.9061, 62.7301,
56.6129

■ 59.9525, 52.7345,
42.2362

■ 54.0951, 44.2433,
30.3457

■ 49.2774, 37.1834,
20.7998

■ 45.4379, 31.4755,
13.4431

■ 42.5085, 27.0328,
8.1009

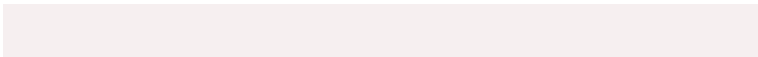
■ 40.4121, 23.7581,
4.5720

■ 39.0583, 21.5395,
2.6130

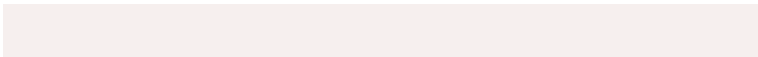
Harmonies

Analogous

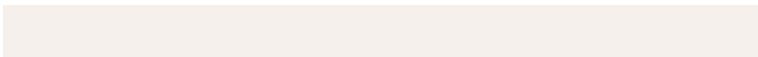
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4955, 87.4989, 95.2077



84.3052, 87.4989, 93.3345



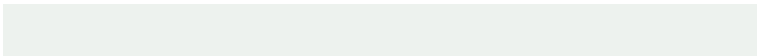
83.8092, 87.4989, 91.9956

Triad

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



84.3052, 87.4989, 93.3345



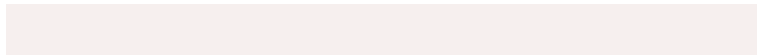
82.0132, 87.4989, 93.4434



83.1873, 87.4989, 99.1119

Complementary

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



84.3052, 87.4989, 93.3345



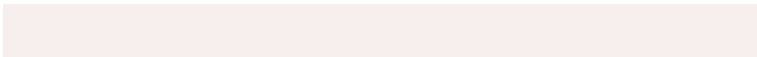
84.5469, 90.1346, 100.1317

Split Complementary

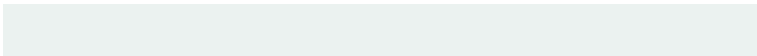
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5243, 87.4989, 98.6241



84.3052, 87.4989, 93.3345



81.8487, 87.4989, 95.3352

Square

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



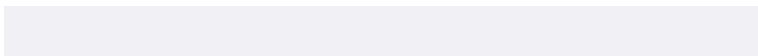
84.3052, 87.4989, 93.3345



82.4860, 87.4989, 92.0578



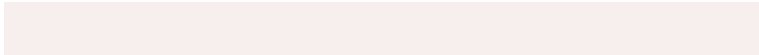
82.0353, 87.4989, 97.2350



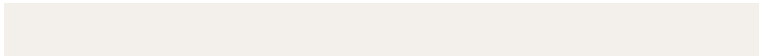
83.8479, 87.4989, 98.5589

Rectangle

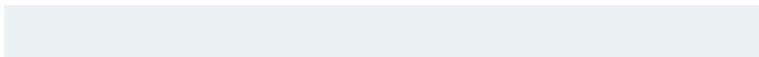
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



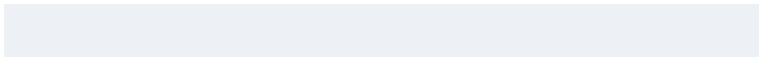
84.3052, 87.4989, 93.3345



83.3731, 87.4989, 91.5767



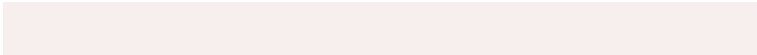
82.0353, 87.4989, 97.2350



82.9574, 87.4989, 99.0642

Sweetspot

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



84.3077, 87.5027, 93.3364



93.9348, 98.4223, 106.5163



85.0735, 87.3399, 98.8153



20.1177, 21.0831, 22.8240



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.



84.3077, 87.5027, 93.3364



90.6711, 93.8008, 99.5527



85.4706, 89.8285, 93.7240



17.6184, 18.1681, 19.1867



20.5999, 11.0854, 1.0540



1.8629, 1.0790, 0.1101

Inverse Universe

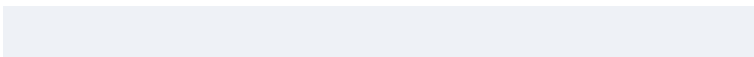
The Inverse Universe completely reimagines the original color for something new.



84.5469, 90.1346, 100.1317



90.9893, 97.3023, 108.5933



83.3708, 87.7824, 99.7396



17.6918, 18.9761, 21.2729



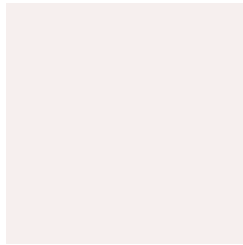
21.9376, 29.6690, 51.1085



1.9768, 2.7050, 4.5082

Previews

White Background



This preview shows how the XYZ color 84.3052, 87.4989, 93.3345 looks on a white background.

Color Contrast Check

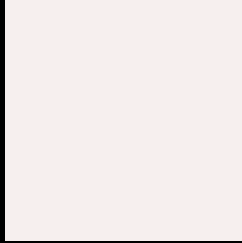
Large Text (above 18pt) WCAG AA × Fail

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 84.3052, 87.4989, 93.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

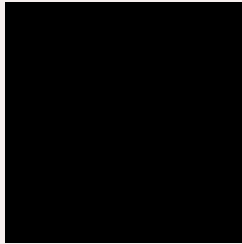
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

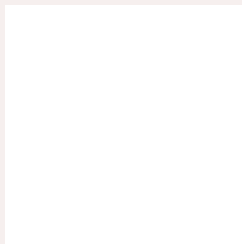
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3052, 87.4989, 93.3345

Background



This preview shows how black text looks on a background with the XYZ color 84.3052, 87.4989, 93.3345.



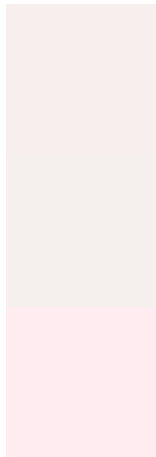
This preview shows how white text looks on a background with the XYZ color 84.3052, 87.4989,

93.3345.

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

84.3052, 87.4989, 93.3345

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

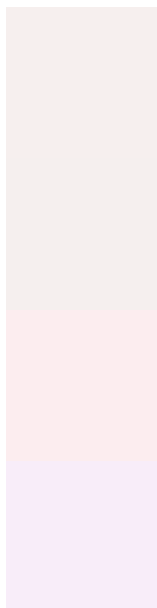
86.9636, 87.5422, 94.7519



Tritanopia

87.1124, 87.3506, 106.8768

Trichromacy



Original Color

84.3052, 87.4989, 93.3345

Protanomaly

83.9553, 87.3185, 93.3182

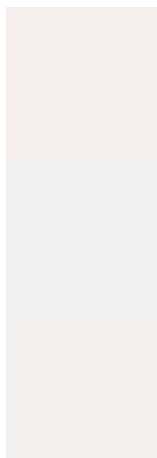
Deuteranomaly

86.0091, 87.4958, 94.0166

Tritanomaly

86.0945, 87.3644, 101.9479

Monochromacy



Original Color

84.3052, 87.4989, 93.3345

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8504, 87.6661, 94.9399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3052, 87.4989, 93.3345 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(246, 239, 238) looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 238)  
}
```

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(246, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.3052, 87.4989, 93.3345 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(246, 239, 238) }
```


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

```
.border{ border-color:rgb(246, 239, 238) }
```

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

Here you see how a box with a 4 pixel rgb(246, 239, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3052, 87.4989, 93.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 238) }
```

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

```
.background{ background-color: rgb(246,  
239, 238) }
```

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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