

Converting Colors

XYZ(84.0614, 87.5526, 93.0920)

Have a look what the booklet for
XYZ(84.0614, 87.5526, 93.0920)
contains.

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Color

**XYZ(83.9553, 87.3185,
93.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EFEE
RGB	245, 239, 238
RGB Percent	96%, 94%, 93%
CMY	0.0392, 0.0627, 0.0667
CMYK	0.00, 0.02, 0.03, 0.04
HSL	9°, 26%, 95%
HSV	9°, 3%, 96%
XYZ	83.9553, 87.3185, 93.3182
YIQ	240.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

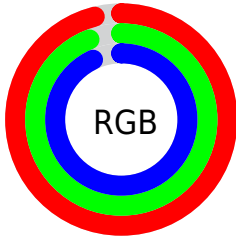
Format	Color
R _Y B	245, 239, 238
Decimal	16117742
CIE Lab	94.87, 1.84, 1.18
CIE LCh	95, 2.187, 32.794
Yxy	87.3185, 0.3173, 0.3300
Android (android.graphics.Color)	4294307822 (0xFF5EFEE)
YUV	240.6800, -1.3212, 3.7886
Hunter-Lab	93.4444, -3.1539, 6.2011

Details

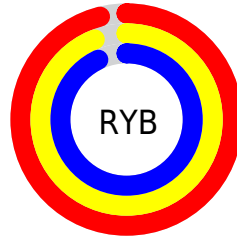
The XYZ color **83.9553, 87.3185, 93.3182** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.0920, 89.4699, 99.2247**, and the grayscale version is **83.3676, 87.7092, 95.5153**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3632, 48.0632, 51.0895** is the 20% darker color. If you saturate the color by 10%, you get **74.8073, 74.3955, 73.7021**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

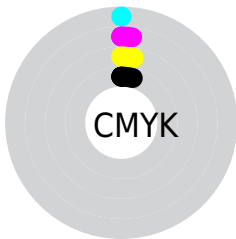
Distribution



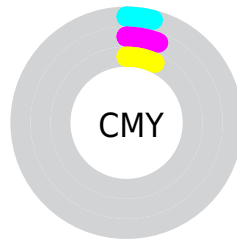
- Red (96%)
- Green (94%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9553, 87.3185, 93.3182 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 83.9553, 87.3185, 93.3182 by changing the saturation by 10% instead.

83.9553, 87.3185,
93.3182

83.9553, 87.3185,
93.3182

496.7007,
519.2689, 559.6130

63.2981, 65.7588,
70.1469

137.8342,
143.6080, 153.9146

46.3420, 48.0766,
51.1687

171.7867,
179.1066, 192.1767

32.7215, 33.8876,
35.9653

210.9016,
220.0203, 236.3062

22.0714, 22.8072,
24.1179

255.5444,
266.7334, 286.7216

14.0263, 14.4512,
15.2081

306.0803,
319.6305, 343.8415

8.2208, 8.4352,
8.8173

362.8747,

4.2895, 4.3746,

379.0958, 408.0843

4.5270

426.2931,
445.5138, 479.8686

■ 1.8672, 1.8853,
1.9187

■ 0.5577, 0.5395,
0.5046

■ 83.9553, 87.3185,
93.3182

■ 83.9553, 87.3185,
93.3182

■ 74.8073, 74.3955,
73.7021

■ 91.4667, 98.1527,
108.7323

■ 66.8162, 63.0349,
56.7903

■ 59.9377, 53.1809,
42.4657

■ 54.1222, 44.7697,
30.6003

■ 49.3158, 37.7335,
21.0553

■ 45.4603, 31.9986,
13.6781

■ 42.4912, 27.4845,
8.2975

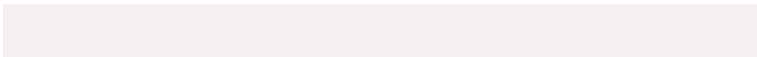
■ 40.3355, 24.1016,
4.7167

■ 38.9082, 21.7474,
2.6981

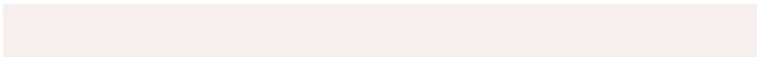
Harmonies

Analogous

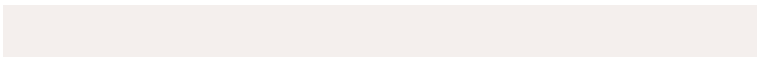
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1371, 87.3185, 94.9160



83.9553, 87.3185, 93.3182



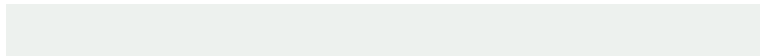
83.5157, 87.3185, 92.2017

Triad

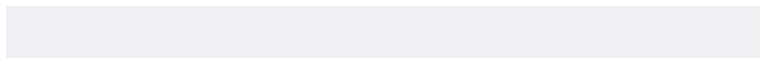
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9553, 87.3185, 93.3182



81.9842, 87.3185, 93.5906



83.0492, 87.3185, 98.3723

Complementary

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



83.9553, 87.3185, 93.3182



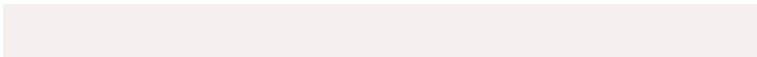
84.0920, 89.4699, 99.2247

Split Complementary

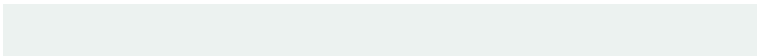
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4737, 87.3185, 98.0074



83.9553, 87.3185, 93.3182



81.8605, 87.3185, 95.2342

Square

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



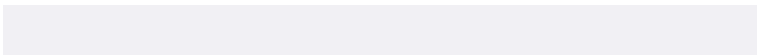
83.9553, 87.3185, 93.3182



82.3779, 87.3185, 92.3577



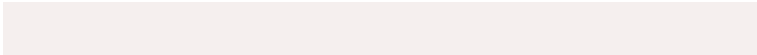
82.0393, 87.3185, 96.8537



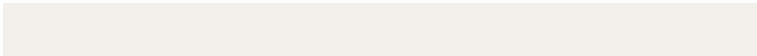
83.6124, 87.3185, 97.8451

Rectangle

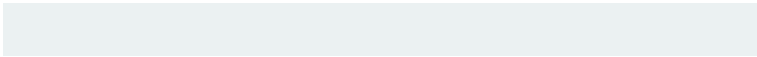
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9553, 87.3185, 93.3182



83.1366, 87.3185, 91.8736



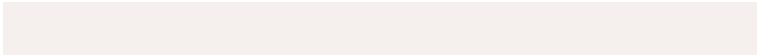
82.0393, 87.3185, 96.8537



82.8507, 87.3185, 98.3499

Sweetspot

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



83.9578, 87.3223, 93.3201



93.9493, 98.4511, 106.5211



84.5712, 87.0986, 97.9966



20.1206, 21.0889, 22.8250



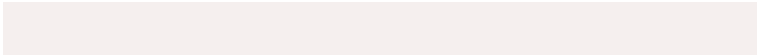
0.0000, 0.0000, 0.0000



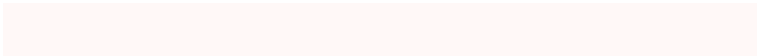
20.3446, 21.4041, 23.3091

Same Dimension

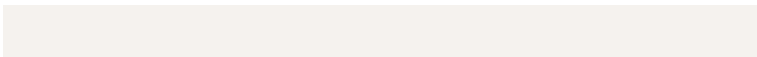
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9578, 87.3223, 93.3201



91.7877, 95.4072, 101.8568



84.9713, 89.3493, 93.6579



17.8262, 18.4686, 19.6107



20.6713, 11.2282, 1.0778



1.8743, 1.1018, 0.1139

Inverse Universe

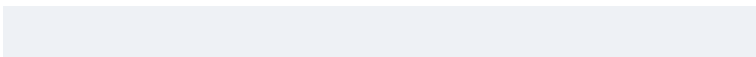
The Inverse Universe completely reimagines the original color for something new.



84.0920, 89.4699, 99.2247



91.9423, 97.8797, 108.6545



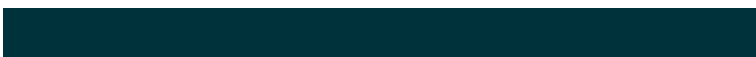
83.0698, 87.4254, 98.8839



17.8642, 19.0769, 21.2832



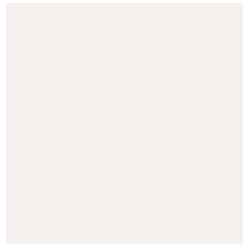
21.3543, 28.5023, 50.9140



1.9311, 2.6137, 4.4929

Previews

White Background



This preview shows how the XYZ color 83.9553, 87.3185, 93.3182 looks on a white background.

Color Contrast Check

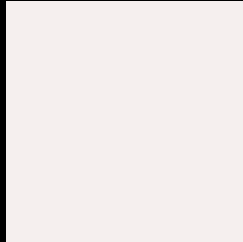
Large Text (above 18pt) WCAG AA × Fail

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 83.9553, 87.3185, 93.3182 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

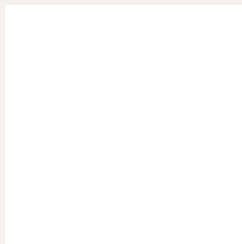
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9553, 87.3185, 93.3182

Background



This preview shows how black text looks on a background with the XYZ color 83.9553, 87.3185, 93.3182.

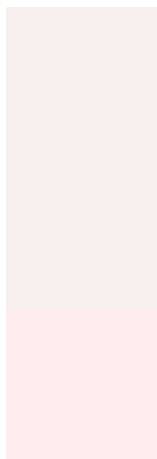


This preview shows how white text looks on a background with the XYZ color 83.9553, 87.3185,

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

83.9553, 87.3185, 93.3182

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

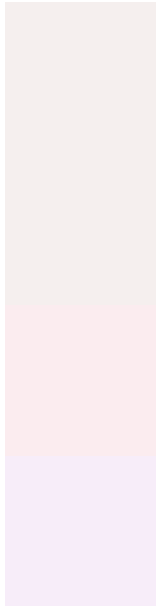
86.6765, 86.9679, 94.6562



Tritanopia

86.7569, 87.1674, 106.8601

Trichromacy



Original Color

83.9553, 87.3185, 93.3182

Protanomaly

83.9553, 87.3185, 93.3182

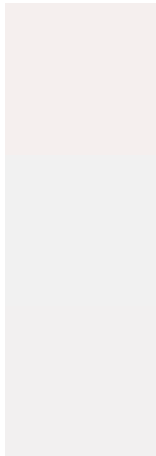
Deuteranomaly

85.3591, 86.7321, 93.9034

Tritanomaly

85.7408, 87.1821, 101.9313

Monochromacy



Original Color

83.9553, 87.3185, 93.3182

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.5062, 87.4887, 94.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9553, 87.3185, 93.3182 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, 239, 238) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.9553, 87.3185, 93.3182 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, 239, 238) }
```


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

```
.border{ border-color:rgb(245, 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(245, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9553, 87.3185, 93.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 238) }
```

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

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