

Converting Colors

XYZ(83.6951, 87.2571, 98.0201)

Have a look what the booklet for
XYZ(83.6951, 87.2571, 98.0201)
contains.

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Color

**XYZ(83.4713, 86.9654,
97.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFF4
RGB	241, 239, 244
RGB Percent	95%, 94%, 96%
CMY	0.0549, 0.0627, 0.0431
CMYK	0.01, 0.02, 0.00, 0.04
HSL	264°, 19%, 95%
HSV	264°, 2%, 96%
XYZ	83.4713, 86.9654, 97.9745
YIQ	240.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

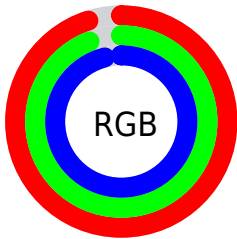
Format	Color
R _Y B	241, 239, 244
Decimal	15855604
CIE Lab	94.72, 1.56, -2.18
CIE LCh	95, 2.682, 305.567
Yxy	86.9654, 0.3110, 0.3240
Android (android.graphics.Color)	4294045684 (0xFFF1EFF4)
YUV	240.1680, 1.8892, 0.7297
Hunter-Lab	93.2552, -3.4241, 2.9882

Details

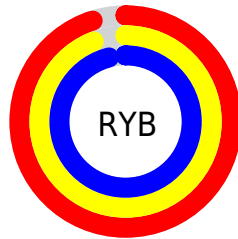
The XYZ color **83.4713, 86.9654, 97.9745** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5517, 89.8128, 94.5449**, and the grayscale version is **82.9440, 87.2636, 95.0300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0182, 47.8121, 54.3802** is the 20% darker color. If you saturate the color by 10%, you get **72.0038, 71.1575, 95.5290**, and if you desaturate by 10%, it is **93.3294, 99.3118, 99.8393**.

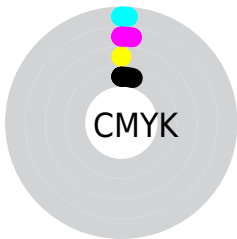
Distribution



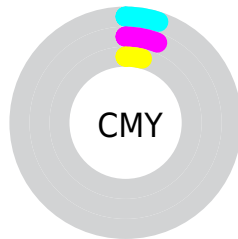
- Red (95%)
- Green (94%)
- Blue (96%)



- Red (95%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4713, 86.9654, 97.9745 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 83.4713, 86.9654, 97.9745 by changing the saturation by 10% instead.

83.4713, 86.9654,
97.9745

83.4713, 86.9654,
97.9745

495.1161,
518.1092, 574.8701

62.8973, 65.4666,
74.0026

137.1605,
143.1159, 160.3984

46.0164, 47.8395,
54.2994

171.0063,
178.5364, 199.6875

32.4635, 33.6998,
38.4463

210.0067,
219.3662, 244.9194

21.8730, 22.6631,
26.0247

254.5272,
265.9897, 296.5127

13.8797, 14.3449,
16.6162

304.9330,
318.7914, 354.8858

8.1182, 8.3610,
9.8022

361.5895,

4.2231, 4.3268,

378.1556, 420.4574

5.1641

424.8621,
444.4667, 493.6460

■ 1.8291, 1.8580,
2.2834

■ 0.5351, 0.5229,
0.7219

■ 83.4713, 86.9654,
97.9745

■ 83.4713, 86.9654,
97.9745

■ 72.0038, 71.1575,
95.5290

■ 93.3294, 99.3118,
99.8393

■ 61.8526, 57.4003,
93.4086

■ 52.9694, 45.6105,
91.6011

■ 45.3002, 35.6950,
90.0915

■ 38.7865, 27.5529,
88.8632

■ 33.3648, 21.0732,
87.8982

■ 28.9646, 16.1324,
87.1765

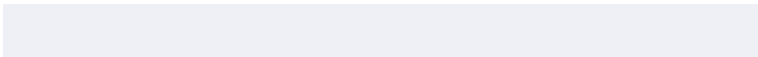
■ 25.5059, 12.5887,
86.6748

■ 22.8941, 10.2719,
86.3652

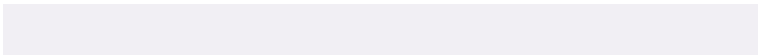
Harmonies

Analogous

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



82.7933, 86.9654, 98.7189



83.4713, 86.9654, 97.9745



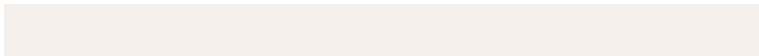
83.9334, 86.9654, 96.3511

Triad

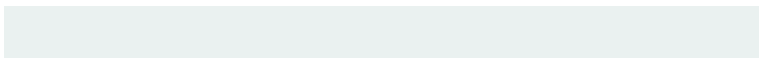
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4713, 86.9654, 97.9745



83.2358, 86.9654, 91.1029



81.2786, 86.9654, 95.0783

Complementary

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



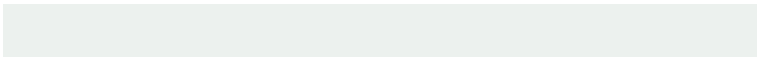
83.4713, 86.9654, 97.9745



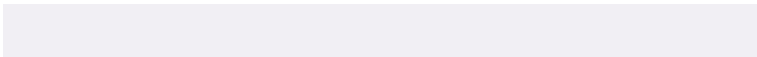
84.5517, 89.8128, 94.5449

Split Complementary

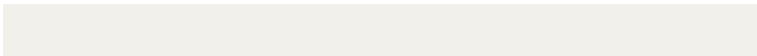
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3956, 86.9654, 93.0492



83.4713, 86.9654, 97.9745



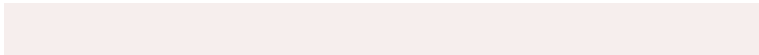
82.5229, 86.9654, 90.7733

Square

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



83.4713, 86.9654, 97.9745



83.7969, 86.9654, 92.3878



81.8500, 86.9654, 91.4808



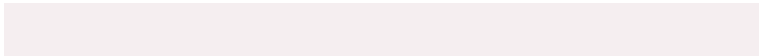
81.5295, 86.9654, 97.0312

Rectangle

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



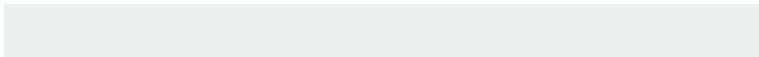
83.4713, 86.9654, 97.9745



84.0553, 86.9654, 94.9994



81.8500, 86.9654, 91.4808



81.2763, 86.9654, 94.3824

Sweetspot

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



83.4738, 86.9691, 97.9764



93.6808, 98.0946, 108.6044



83.7057, 88.4392, 98.2479



20.0660, 21.0164, 23.2489



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

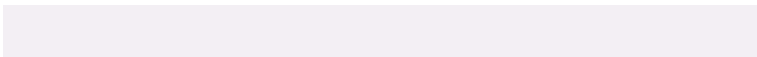
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4738, 86.9691, 97.9764



92.3269, 96.2129, 108.3125



84.3043, 87.3973, 98.0153



18.1238, 18.8964, 21.2347



11.7324, 5.0226, 46.8891



1.1438, 0.4995, 4.1264

Inverse Universe

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



84.2047, 87.3808, 96.4367



93.1181, 96.6585, 106.6460



83.7276, 89.3880, 94.5064



18.2706, 18.9791, 20.9255



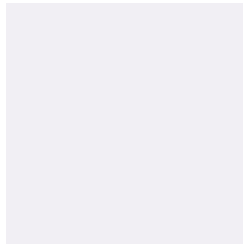
23.1979, 11.6226, 16.2825



2.0895, 1.0418, 1.6978

Previews

White Background



This preview shows how the XYZ color 83.4713, 86.9654, 97.9745 looks on a white background.

Color Contrast Check

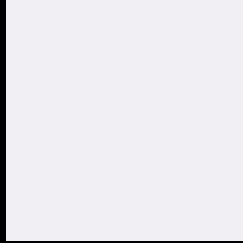
Large Text (above 18pt) WCAG AA × Fail

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 83.4713, 86.9654, 97.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

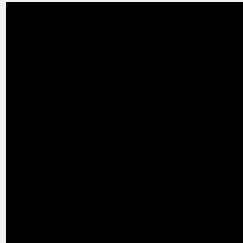
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

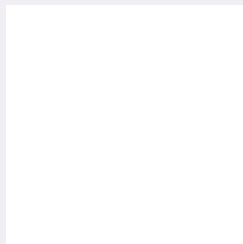
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4713, 86.9654, 97.9745

Background



This preview shows how black text looks on a background with the XYZ color 83.4713, 86.9654, 97.9745.



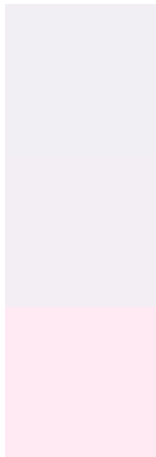
This preview shows how white text looks on a background with the XYZ color 83.4713, 86.9654,

97.945.

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

83.4713, 86.9654, 97.9745

Protanopia

83.8658, 86.7354, 97.9094

Deuteranopia

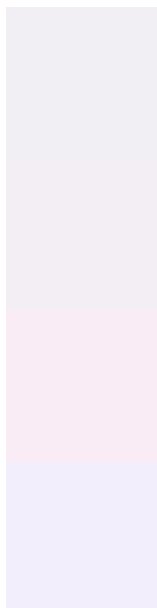
86.9920, 86.6373, 97.7257



Tritanopia

85.2963, 86.8431, 106.8745

Trichromacy



Original Color

83.4713, 86.9654, 97.9745

Protanomaly

83.5216, 86.5580, 97.8932

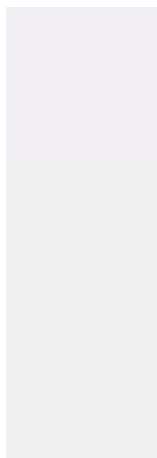
Deuteranomaly

85.7489, 86.8466, 97.8316

Tritanomaly

84.6051, 86.9914, 103.5986

Monochromacy



Original Color

83.4713, 86.9654, 97.9745

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9725, 87.1963, 95.6765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4713, 86.9654, 97.9745 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(241, 239, 244) looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 244)  
}
```

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(241, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 244) }
```

Border

The CSS property to change the border of an element to XYZ 83.4713, 86.9654, 97.9745 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(241, 239, 244) }
```


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

```
.border{ border-color:rgb(241, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4713, 86.9654, 97.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 244) }
```

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

```
.background{ background-color: rgb(241,  
239, 244) }
```

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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