

Converting Colors

XYZ(83.6443, 86.2522, 98.0414)

Have a look what the booklet for
XYZ(83.6443, 86.2522, 98.0414)
contains.

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Color

**XYZ(83.5755, 86.1547,
97.8126)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EDF4
RGB	243, 237, 244
RGB Percent	95%, 93%, 96%
CMY	0.0471, 0.0706, 0.0431
CMYK	0.00, 0.03, 0.00, 0.04
HSL	291°, 24%, 94%
HSV	291°, 3%, 96%
XYZ	83.5755, 86.1547, 97.8126
YIQ	239.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

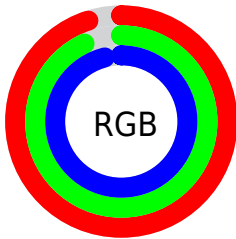
Format	Color
R _Y B	243, 237, 244
Decimal	15986164
CIE Lab	94.38, 3.25, -2.67
CIE LCh	94, 4.204, 320.564
Yxy	86.1547, 0.3124, 0.3220
Android (android.graphics.Color)	4294176244 (0xFFFF3EDF4)
YUV	239.5920, 2.1731, 2.9888
Hunter-Lab	92.8196, -1.7113, 2.4943

Details

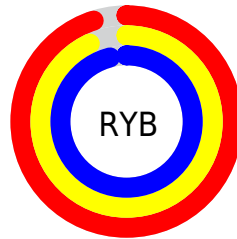
The XYZ color **83.5755, 86.1547, 97.8126** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.8998, 88.9952, 92.9336**, and the grayscale version is **82.4905, 86.7865, 94.5104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0945, 47.2434, 54.2664** is the 20% darker color. If you saturate the color by 10%, you get **75.7950, 72.3624, 95.5618**, and if you desaturate by 10%, it is **90.2672, 97.7332, 99.6961**.

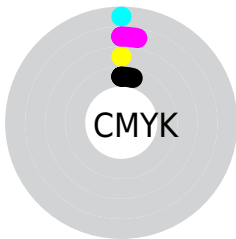
Distribution



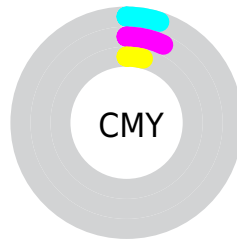
- Red (95%)
- Green (93%)
- Blue (96%)



- Red (95%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5755, 86.1547, 97.8126 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 83.5755, 86.1547, 97.8126 by changing the saturation by 10% instead.

83.5755, 86.1547,
97.8126

83.5755, 86.1547,
97.8126

495.4575,
515.4412, 574.3433

62.9835, 64.7959,
73.8683

137.3055,
141.9853, 160.1735

46.0865, 47.2956,
54.1902

171.1743,
177.2260, 199.4272

32.5190, 33.2694,
38.3595

210.1995,
217.8627, 244.6212

21.9157, 22.3329,
25.9578

254.7463,
264.2799, 296.1739

13.9112, 14.1017,
16.5666

305.1801,
316.8619, 354.5039

8.1402, 8.1914,
9.7673

361.8664,

4.2374, 4.2177,

375.9932, 420.0298

5.1414

425.1704,
442.0582, 493.1701

■ 1.8373, 1.7961,
2.2703

■ 0.5400, 0.4847,
0.7145

■ 83.5755, 86.1547,
97.8126

■ 83.5755, 86.1547,
97.8126

■ 75.7950, 72.3624,
95.5618

■ 90.2672, 97.7332,
99.6961

■ 68.9575, 60.4235,
93.6177

■ 91.5053, 98.3714,
99.7540

■ 63.0241, 50.2592,
91.9685

■ 92.7665, 99.0216,
99.8130

■ 57.9505, 41.7811,
90.5995

■ 93.3294, 99.3118,
99.8394

■ 53.6883, 34.8928,
89.4946

■ 50.1846, 29.4883,
88.6361

■ 47.3797, 25.4486,
88.0042

■ 45.2048, 22.6364,
87.5760

■ 43.5766, 20.8852,
87.3238

Harmonies

Analogous

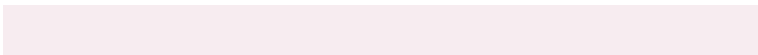
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6523, 86.1547, 99.7499



83.5755, 86.1547, 97.8126



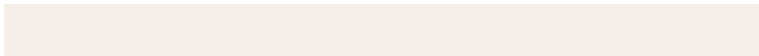
84.0476, 86.1547, 94.8307

Triad

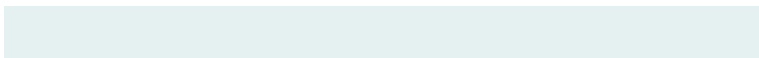
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5755, 86.1547, 97.8126



82.2439, 86.1547, 87.8077



79.8718, 86.1547, 96.0086

Complementary

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



83.5755, 86.1547, 97.8126



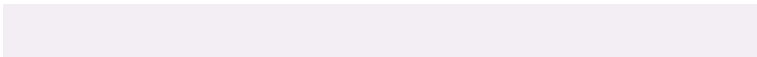
82.8998, 88.9952, 92.9336

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.



79.7647, 86.1547, 92.7923



83.5755, 86.1547, 97.8126



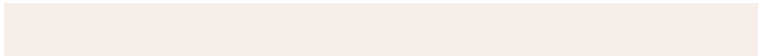
81.1273, 86.1547, 88.1066

Square

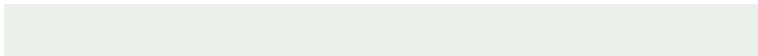
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



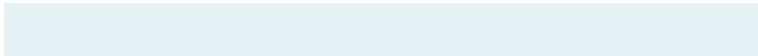
83.5755, 86.1547, 97.8126



83.2741, 86.1547, 89.0877



80.2223, 86.1547, 89.9139



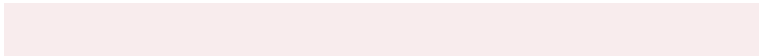
80.5163, 86.1547, 98.6918

Rectangle

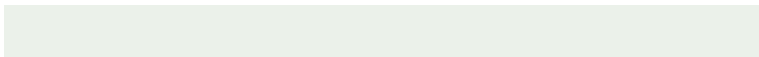
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



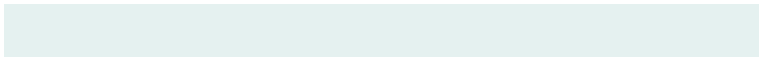
83.5755, 86.1547, 97.8126



84.0400, 86.1547, 92.6726



80.2223, 86.1547, 89.9139



79.7720, 86.1547, 94.9522

Sweetspot

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



83.5780, 86.1584, 97.8145



94.1079, 98.3147, 108.6244



81.8469, 85.7184, 97.8208



20.1529, 21.0612, 23.2530



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.



83.5780, 86.1584, 97.8145



92.2568, 95.0090, 108.0839



83.5546, 86.1890, 95.8852



17.9415, 18.3712, 21.1429



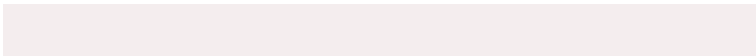
23.2851, 10.9783, 47.4298



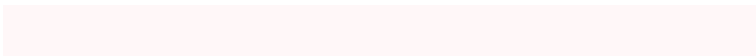
2.1090, 0.9971, 4.1715

Inverse Universe

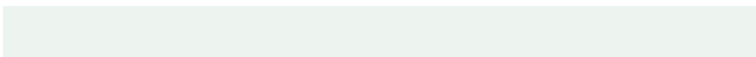
The Inverse Universe completely reimagines the original color for something new.



83.0281, 85.9784, 93.1127



91.6201, 94.8007, 102.6375



82.9253, 88.9667, 94.8153



17.7851, 18.3200, 19.8018



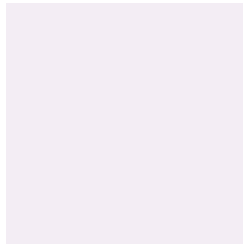
20.4795, 10.5352, 1.9673



1.8289, 0.9375, 0.3253

Previews

White Background



This preview shows how the XYZ color 83.5755, 86.1547, 97.8126 looks on a white background.

Color Contrast Check

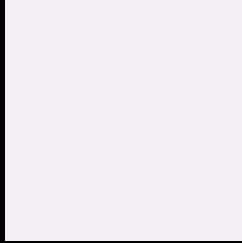
Large Text (above 18pt) WCAG AA × Fail

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 83.5755, 86.1547, 97.8126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

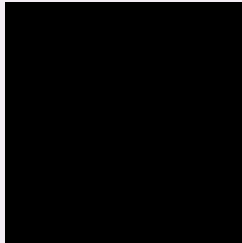
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

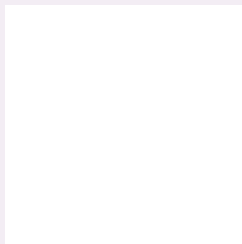
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.5755, 86.1547, 97.8126

Background



This preview shows how black text looks on a background with the XYZ color 83.5755, 86.1547, 97.8126.



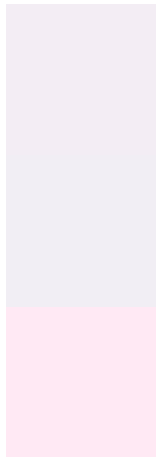
This preview shows how white text looks on a background with the XYZ color 83.5755, 86.1547,

97.8 26.

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

83.5755, 86.1547, 97.8126

Protanopia

83.1793, 86.3815, 97.8772

Deuteranopia

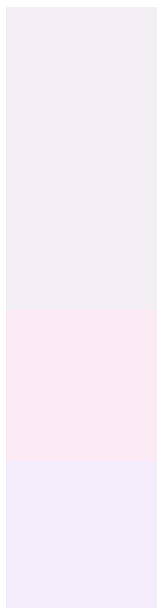
86.7080, 86.0695, 97.6310



Tritanopia

85.2539, 85.9849, 105.8693

Trichromacy



Original Color

83.5755, 86.1547, 97.8126

Protanomaly

83.5216, 86.5580, 97.8932

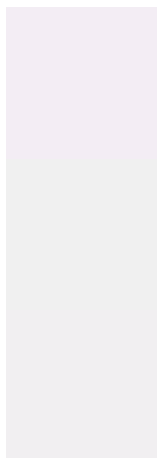
Deuteranomaly

85.5356, 85.8865, 97.6575

Tritanomaly

84.5590, 86.1261, 102.6097

Monochromacy



Original Color

83.5755, 86.1547, 97.8126

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0193, 86.7846, 95.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5755, 86.1547, 97.8126 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, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 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(243, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 83.5755, 86.1547, 97.8126 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, 237, 244) }
```


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

```
.border{ border-color:rgb(243, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5755, 86.1547, 97.8126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 244) }
```

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

```
.background{ background-color: rgb(243,  
237, 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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