

Converting Colors

XYZ(83.8249, 86.3155, 90.4141)

Have a look what the booklet for
XYZ(83.8249, 86.3155, 90.4141)
contains.

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Color

**XYZ(83.8469, 86.4653,
90.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EDEA
RGB	248, 237, 234
RGB Percent	97%, 93%, 92%
CMY	0.0274, 0.0706, 0.0823
CMYK	0.00, 0.04, 0.06, 0.03
HSL	13°, 50%, 95%
HSV	13°, 6%, 97%
XYZ	83.8469, 86.4653, 90.1122
YIQ	239.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

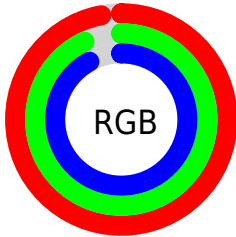
Format	Color
R _Y B	248, 238, 234
Decimal	16313834
CIE Lab	94.51, 3.19, 2.76
CIE LCh	95, 4.222, 40.843
Yxy	86.4653, 0.3220, 0.3320
Android (android.graphics.Color)	4294503914 (0xFFF8EDEA)
YUV	239.9470, -2.9319, 7.0625
Hunter-Lab	92.9867, -1.7718, 7.6335

Details

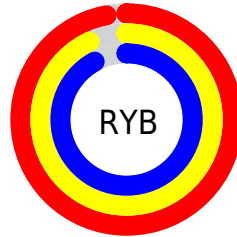
The XYZ color **83.8469, 86.4653, 90.1122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5274, 89.5734, 101.6952**, and the grayscale version is **82.8031, 87.1154, 94.8686**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2980, 47.4686, 48.8417** is the 20% darker color. If you saturate the color by 10%, you get **75.1945, 74.4681, 70.8631**, and if you desaturate by 10%, it is **92.5219, 98.6967, 108.7817**.

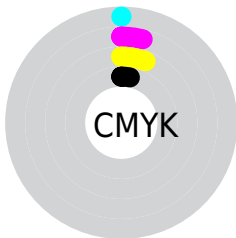
Distribution



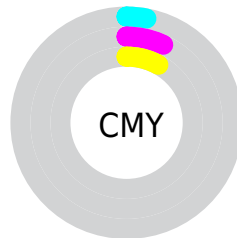
- Red (97%)
- Green (93%)
- Blue (92%)



- Red (97%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8469, 86.4653, 90.1122 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 83.8469, 86.4653, 90.1122 by changing the saturation by 10% instead.


 83.8469, 86.4653,
90.1122

 83.8469, 86.4653,
90.1122


496.3460,
516.4642, 548.9753

 63.2083, 65.0528,
67.4995


137.6834,
142.4186, 149.4311

 46.2690, 47.5039,
49.0265


171.6120,
177.7282, 186.9744

 32.6637, 33.4342,
34.2747


210.7013,
218.4390, 230.3316

 22.0269, 22.4593,
22.8257

255.3167,
264.9354, 279.9212

 13.9934, 14.1947,
14.2608

305.8235,
317.6017, 336.1619

 8.1978, 8.2562,
8.1614

362.5871,

 4.2746, 4.2593,

376.8223, 399.4721

4.1092

425.9728,
442.9817, 470.2704

■ 1.8586, 1.8197,
1.6854

■ 0.5526, 0.4994,
0.3507

■ 83.8469, 86.4653,
90.1122

■ 83.8469, 86.4653,
90.1122

■ 75.1945, 74.4681,
70.8631

■ 92.5219, 98.6967,
108.7817

■ 67.6110, 63.8447,
54.3281

■ 61.0563, 54.5490,
40.3861

■ 55.4850, 46.5282,
28.9048

■ 50.8481, 39.7258,
19.7400

■ 47.0923, 34.0811,
12.7325

■ 44.1585, 29.5279,
7.7028

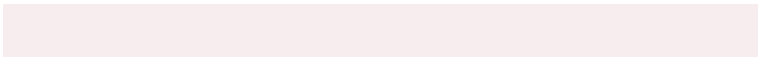
■ 41.9799, 25.9929,
4.4418

■ 40.4775, 23.3930,
2.6925

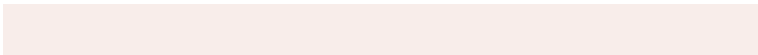
Harmonies

Analogous

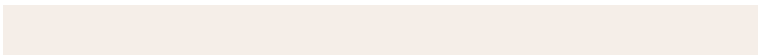
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3476, 86.4653, 92.9736



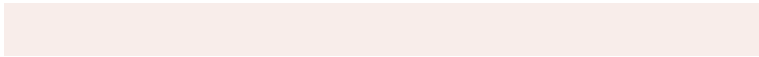
83.8469, 86.4653, 90.1122



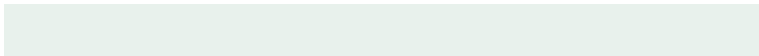
82.9019, 86.4653, 88.3572

Triad

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



83.8469, 86.4653, 90.1122



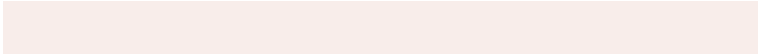
80.1357, 86.4653, 92.1072



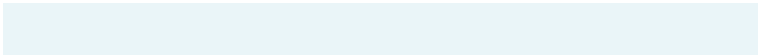
82.5944, 86.4653, 100.4273

Complementary

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



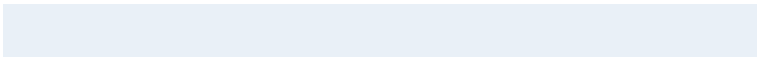
83.8469, 86.4653, 90.1122



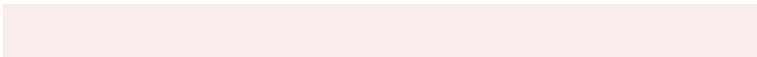
83.5274, 89.5734, 101.6952

Split Complementary

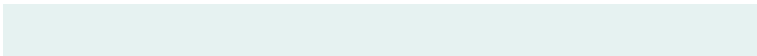
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4677, 86.4653, 100.1823



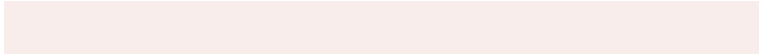
83.8469, 86.4653, 90.1122



80.0551, 86.4653, 95.3282

Square

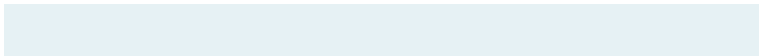
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.8469, 86.4653, 90.1122



80.7618, 86.4653, 89.4905



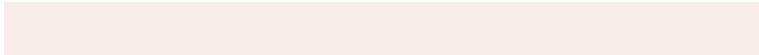
80.5406, 86.4653, 98.2984



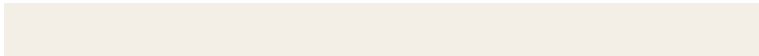
83.6201, 86.4653, 98.9602

Rectangle

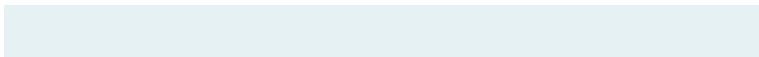
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8469, 86.4653, 90.1122



82.1505, 86.4653, 88.0260



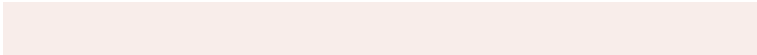
80.5406, 86.4653, 98.2984



82.2148, 86.4653, 100.5433

Sweetspot

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



83.8493, 86.4691, 90.1141



92.9751, 97.1467, 104.2112



84.6475, 85.4082, 98.5716



19.9222, 20.8233, 22.3546



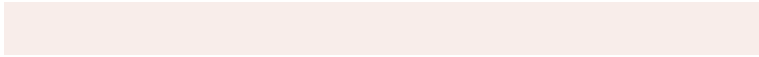
0.0000, 0.0000, 0.0000



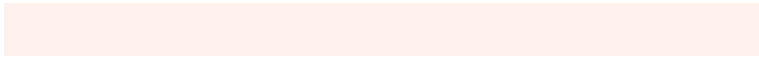
20.3446, 21.4041, 23.3091

Same Dimension

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



83.8493, 86.4691, 90.1141



87.9974, 90.2821, 93.0239



85.8545, 90.4794, 90.7824



17.9148, 18.3386, 18.8013



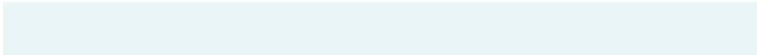
21.6874, 12.3314, 1.2371



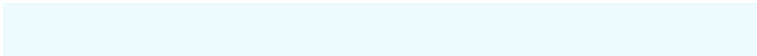
2.0824, 1.2897, 0.1392

Inverse Universe

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



83.5274, 89.5734, 101.6952



87.5754, 94.3508, 108.2036



81.5090, 85.5367, 101.0224



17.8215, 19.2387, 22.1594



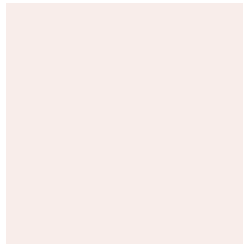
19.7755, 24.9065, 51.7387



1.9074, 2.4585, 4.8172

Previews

White Background



This preview shows how the XYZ color 83.8469, 86.4653, 90.1122 looks on a white background.

Color Contrast Check

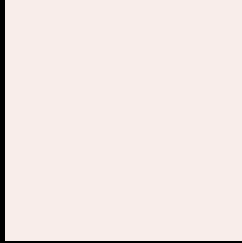
Large Text (above 18pt) WCAG AA × Fail

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 83.8469, 86.4653, 90.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

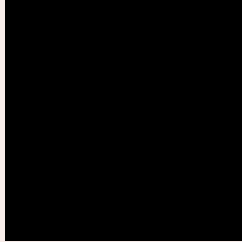
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

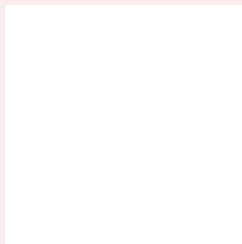
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8469, 86.4653, 90.1122

Background



This preview shows how black text looks on a background with the XYZ color 83.8469, 86.4653, 90.1122.

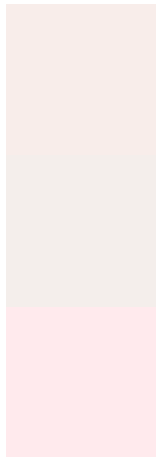


This preview shows how white text looks on a background with the XYZ color 83.8469, 86.4653,

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

83.8469, 86.4653, 90.1122

Protanopia

82.8782, 86.3803, 90.9022

Deuteranopia

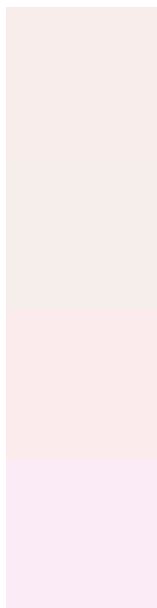
85.9489, 86.2201, 92.2329



Tritanopia

86.9361, 86.4467, 105.0324

Trichromacy



Original Color

83.8469, 86.4653, 90.1122

Protanomaly

83.2261, 86.5597, 90.9185

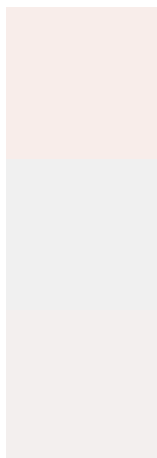
Deuteranomaly

84.9935, 86.1682, 91.5094

Tritanomaly

85.7672, 86.3945, 99.3442

Monochromacy



Original Color

83.8469, 86.4653, 90.1122

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.2613, 86.9607, 93.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8469, 86.4653, 90.1122 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(248, 237, 234) looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 234)  
}
```

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(248, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 234) }
```

Border

The CSS property to change the border of an element to XYZ 83.8469, 86.4653, 90.1122 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(248, 237, 234) }
```


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

```
.border{ border-color:rgb(248, 237, 234) }
```

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

Here you see how a box with a 4 pixel rgb(248, 237, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8469, 86.4653, 90.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 234) }
```

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

```
.background{ background-color: rgb(248,  
237, 234) }
```

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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