

Converting Colors

XYZ(86.2002, 89.4586,
100.3606)

Have a look what the booklet for
XYZ(86.2002, 89.4586, 100.3606)
contains.

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Color

**XYZ(86.5467, 89.8125,
100.7697)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F2F7
RGB	246, 242, 247
RGB Percent	96%, 95%, 97%
CMY	0.0353, 0.0510, 0.0314
CMYK	0.00, 0.02, 0.00, 0.03
HSL	288°, 24%, 96%
HSV	288°, 2%, 97%
XYZ	86.5467, 89.8125, 100.7697
YIQ	243.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

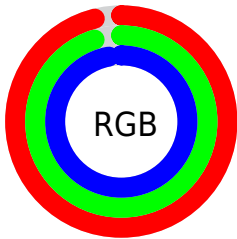
Format	Color
R _Y B	246, 242, 247
Decimal	16184055
CIE Lab	95.92, 2.22, -1.94
CIE LCh	96, 2.946, 318.820
Yxy	89.8125, 0.3123, 0.3241
Android (android.graphics.Color)	4294374135 (0xFFFF6F2F7)
YUV	243.7660, 1.5944, 1.9592
Hunter-Lab	94.7695, -2.8343, 3.2947

Details

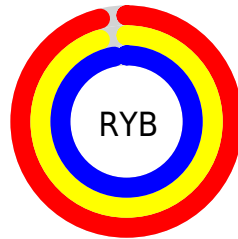
The XYZ color **86.5467, 89.8125, 100.7697** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2532, 91.9894, 97.2187**, and the grayscale version is **85.7915, 90.2594, 98.2924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1981, 49.8265, 56.3674** is the 20% darker color. If you saturate the color by 10%, you get **77.9760, 75.2100, 98.4042**, and if you desaturate by 10%, it is **92.3127, 98.7346, 102.1893**.

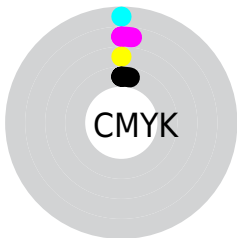
Distribution



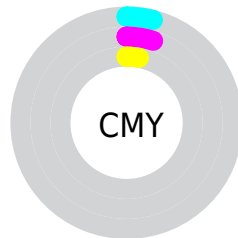
- Red (96%)
- Green (95%)
- Blue (97%)



- Red (96%)
- Yellow (95%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5467, 89.8125, 100.7697 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 86.5467, 89.8125, 100.7697 by changing the saturation by 10% instead.

86.5467, 89.8125,
100.7697

86.5467, 89.8125,
100.7697

505.1391,
527.4207, 583.9253

65.4469, 67.8251,
76.3230

141.4351,
147.0779, 164.2756

48.0896, 49.7555,
56.1892

175.9543,
183.1248, 204.1720

34.1094, 35.2192,
39.9496

215.6775,
224.6269, 250.0553

23.1409, 23.8317,
27.1858

260.9699,
271.9687, 302.3441

14.8189, 15.2089,
17.4791

312.1969,
325.5346, 361.4570

8.7779, 8.9661,
10.4111

369.7239,

4.6525, 4.7191,

385.7090, 427.8124

5.5632

433.9162,
452.8762, 501.8291

■ 2.0775, 2.0834,
2.5169

■ 0.6769, 0.6553,
0.8491

■ 86.5467, 89.8125,
100.7697

■ 86.5467, 89.8125,
100.7697

■ 77.9760, 75.2100,
98.4042

■ 92.3127, 98.7346,
102.1893

■ 70.4018, 62.5338,
96.3566

■ 93.7888, 99.4955,
102.2584

■ 63.7843, 51.7033,
94.6149

■ 58.0776, 42.6277,
93.1639

■ 53.2323, 35.2085,
91.9873

■ 49.1939, 29.3372,
91.0668

■ 45.9014, 24.8923,
90.3824

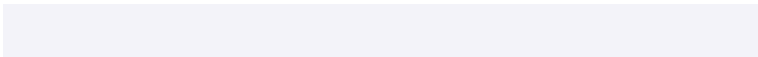
■ 43.2845, 21.7341,
89.9108

■ 41.2587, 19.6939,
89.6237

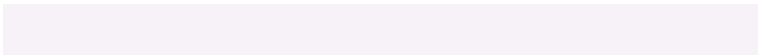
Harmonies

Analogous

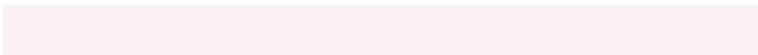
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8696, 89.8125, 102.0921



86.5467, 89.8125, 100.7697



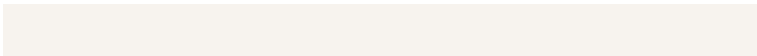
86.9077, 89.8125, 98.6617

Triad

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



86.5467, 89.8125, 100.7697



85.6677, 89.8125, 93.4616



83.8922, 89.8125, 99.2427

Complementary

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



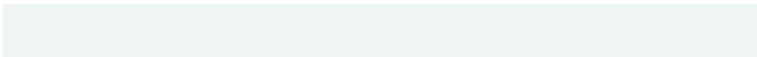
86.5467, 89.8125, 100.7697



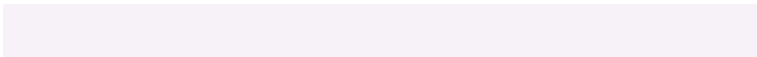
86.2532, 91.9894, 97.2187

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.



83.8389, 89.8125, 96.9246



86.5467, 89.8125, 100.7697



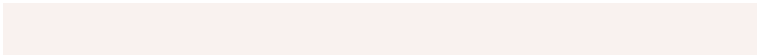
84.8605, 89.8125, 93.6116

Square

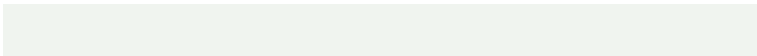
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5467, 89.8125, 100.7697



86.3981, 89.8125, 94.4577



84.1923, 89.8125, 94.8707



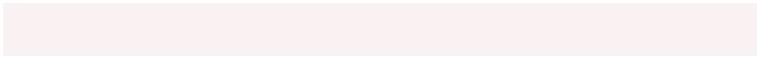
84.3384, 89.8125, 101.2008

Rectangle

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



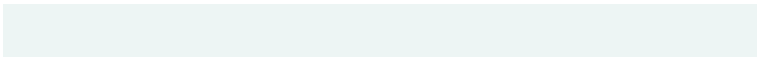
86.5467, 89.8125, 100.7697



86.9190, 89.8125, 97.1054



84.1923, 89.8125, 94.8707



83.8278, 89.8125, 98.4790

Sweetspot

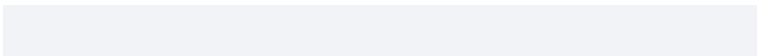
The Sweet Spot groups the original color and five complimentary colors.



86.5493, 89.8164, 100.7717



94.0544, 98.2871, 108.6219



85.4857, 89.7478, 100.8145



20.1420, 21.0555, 23.2525



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

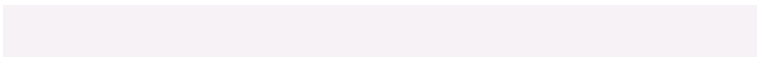
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5493, 89.8164, 100.7717



93.0700, 96.5960, 108.3473



86.6833, 89.9106, 99.6419



18.2617, 18.9675, 21.2412



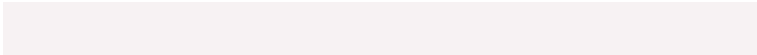
21.2540, 9.9312, 47.3347



1.9486, 0.9144, 4.1640

Inverse Universe

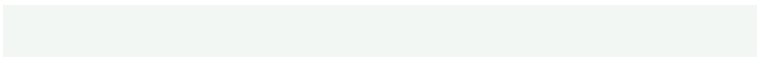
The Inverse Universe completely reimagines the original color for something new.



86.2907, 89.7536, 97.5747



92.7946, 96.5291, 104.9424



86.1226, 91.8973, 98.3268



18.2106, 18.9551, 20.6091



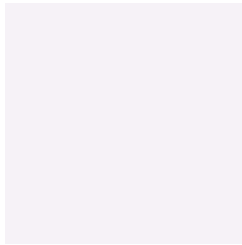
20.6241, 10.5931, 2.7290



1.8477, 0.9451, 0.4245

Previews

White Background



This preview shows how the XYZ color 86.5467, 89.8125, 100.7697 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 86.5467, 89.8125, 100.7697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

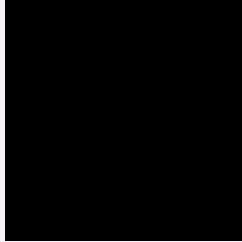
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

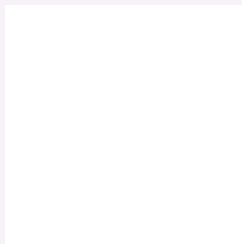
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5467, 89.8125, 100.7697

Background



This preview shows how black text looks on a background with the XYZ color 86.5467, 89.8125, 100.7697.



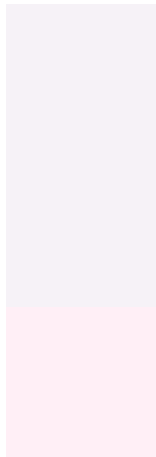
This preview shows how white text looks on a background with the XYZ color 86.5467, 89.8125,

100.7597.

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

86.5467, 89.8125, 100.7697

Protanopia

86.5467, 89.8125, 100.7697

Deuteranopia

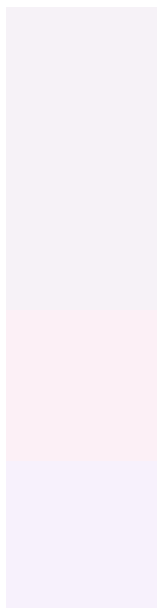
88.7411, 89.6468, 99.8152



Tritanopia

87.8631, 89.9048, 107.3302

Trichromacy



Original Color

86.5467, 89.8125, 100.7697

Protanomaly

86.5467, 89.8125, 100.7697

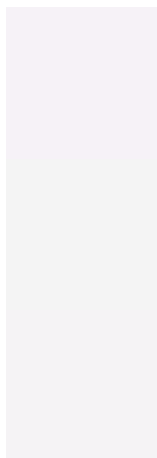
Deuteranomaly

87.9395, 89.6694, 99.8618

Tritanomaly

87.3838, 89.7130, 104.8062

Monochromacy



Original Color

86.5467, 89.8125, 100.7697

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.1882, 90.1062, 99.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5467, 89.8125, 100.7697 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, 242, 247) looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 247)  
}
```

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, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 247) }
```

Border

The CSS property to change the border of an element to XYZ 86.5467, 89.8125, 100.7697 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, 242, 247) }
```


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

```
.border{ border-color:rgb(246, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5467, 89.8125, 100.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 247) }
```

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

```
.background{ background-color: rgb(246,  
242, 247) }
```

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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