

Converting Colors

XYZ(86.9803, 89.9201,
100.9416)

Have a look what the booklet for
XYZ(86.9803, 89.9201, 100.9416)
contains.

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Color

**XYZ(86.8984, 89.9938,
100.7862)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7F2F7 |
| RGB | 247, 242, 247 |
| RGB Percent | 97%, 95%, 97% |
| CMY | 0.0314, 0.0510, 0.0314 |
| CMYK | 0.00, 0.02, 0.00, 0.03 |
| HSL | 300°, 24%, 96% |
| HSV | 300°, 2%, 97% |
| XYZ | 86.8984, 89.9938, 100.7862 |
| YIQ | 244.0650, 1.3750, 2.6150 |

Conversions

Conversions Part 2

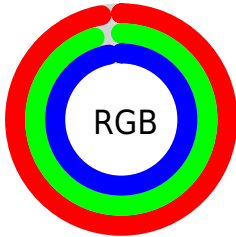
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 247, 242, 247 |
| Decimal | 16249591 |
| CIE Lab | 95.99, 2.55, -1.82 |
| CIE LCh | 96, 3.132, 324.457 |
| Yxy | 89.9938, 0.3129, 0.3241 |
| Android (android.graphics.Color) | 4294439671 (0xFFF7F2F7) |
| YUV | 244.0650, 1.4470, 2.5740 |
| Hunter-Lab | 94.8651, -2.5041, 3.4149 |

Details

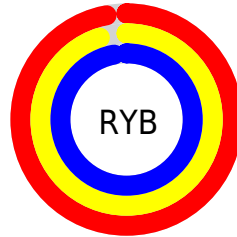
The XYZ color **86.8984, 89.9938, 100.7862** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.9091, 91.8120, 97.2026**, and the grayscale version is **86.0313, 90.5116, 98.5672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4487, 49.9558, 56.3791** is the 20% darker color. If you saturate the color by 10%, you get **80.0388, 76.2733, 98.5008**, and if you desaturate by 10%, it is **90.9072, 98.0100, 102.1235**.

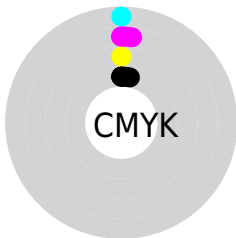
Distribution



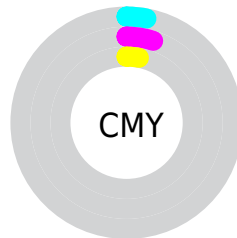
- Red (97%)
- Green (95%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.8984, 89.9938, 100.7862 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 86.8984, 89.9938, 100.7862 by changing the saturation by 10% instead.

86.8984, 89.9938,
100.7862

86.8984, 89.9938,
100.7862

506.2785,
528.0107, 583.9786

65.7389, 67.9755,
76.3368

141.9229,
147.3298, 164.2985

48.3274, 49.8778,
56.2004

176.5186,
183.4163, 204.1984

34.2986, 35.3163,
39.9585

216.3238,
224.9609, 250.0855

23.2870, 23.9066,
27.1927

261.7037,
272.3481, 302.3784

14.9274, 15.2644,
17.4843

313.0238,
325.9623, 361.4956

8.8545, 9.0051,
10.4148

370.6494,

4.7027, 4.7445,

386.1879, 427.8557

5.5656

434.9458,
453.4092, 501.8772

■ 2.1069, 2.0982,
2.5183

■ 0.6929, 0.6636,
0.8498

■ 86.8984, 89.9938,
100.7862

■ 86.8984, 89.9938,
100.7862

■ 80.0388, 76.2733,
98.5008

■ 90.9072, 98.0100,
102.1235

■ 74.1298, 64.4556,
96.5312

■ 90.9072, 98.0100,
102.1235

■ 69.1321, 54.4602,
94.8652

■ 90.9073, 98.0101,
102.1235

■ 65.0001, 46.1964,
93.4880

■ 90.9074, 98.0101,
102.1236

61.6848, 39.5659,
92.3829

90.9074, 98.0101,
102.1236

59.1321, 34.4605,
91.5320

90.9075, 98.0102,
102.1236

57.2812, 30.7588,
90.9150

90.9076, 98.0102,
102.1236

56.0624, 28.3213,
90.5088

90.9076, 98.0102,
102.1236

55.3915, 26.9796,
90.2852

90.9077, 98.0103,
102.1236

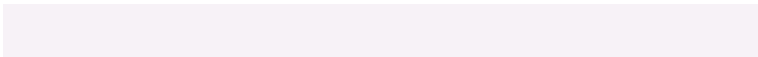
Harmonies

Analogous

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



86.2276, 89.9938, 102.3931



86.8984, 89.9938, 100.7862



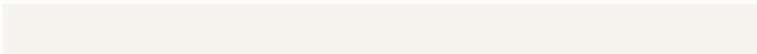
87.2044, 89.9938, 98.4493

Triad

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



86.8984, 89.9938, 100.7862



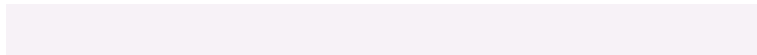
85.6973, 89.9938, 93.3179



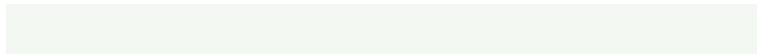
84.0297, 89.9938, 99.9755

Complementary

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



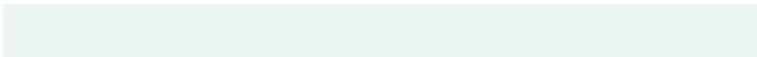
86.8984, 89.9938, 100.7862



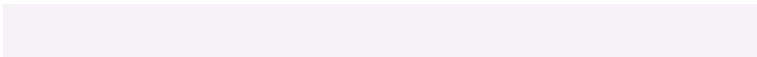
85.9091, 91.8120, 97.2026

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.



83.8898, 89.9938, 97.5281



86.8984, 89.9938, 100.7862



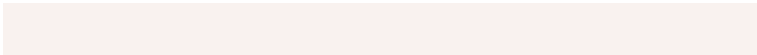
84.8489, 89.9938, 93.7110

Square

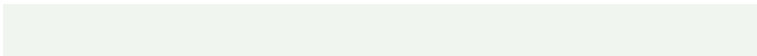
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8984, 89.9938, 100.7862



86.5080, 89.9938, 94.1588



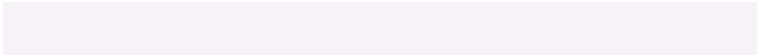
84.1887, 89.9938, 95.2420



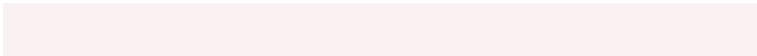
84.5721, 89.9938, 101.9195

Rectangle

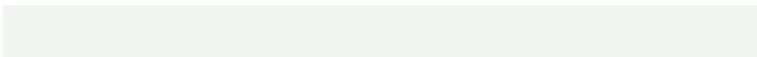
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



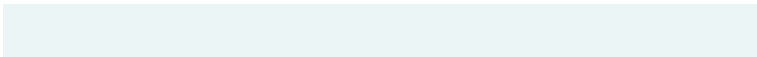
86.8984, 89.9938, 100.7862



87.1589, 89.9938, 96.8022



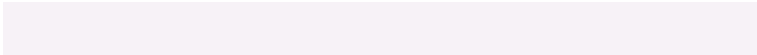
84.1887, 89.9938, 95.2420



83.9342, 89.9938, 99.1833

Sweetspot

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



86.9010, 89.9977, 100.7882



94.2419, 98.3838, 108.6306



85.1873, 89.1511, 100.7151



20.1802, 21.0752, 23.2543



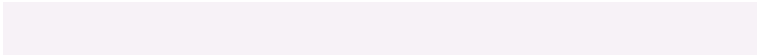
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

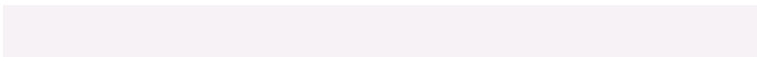
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9010, 89.9977, 100.7882



93.4445, 96.7891, 108.3648



86.5307, 89.8495, 98.8380



18.3312, 19.0033, 21.2444



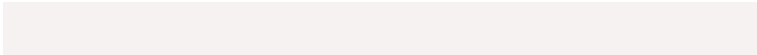
29.1647, 14.0093, 47.7049



2.5633, 1.2313, 4.1928

Inverse Universe

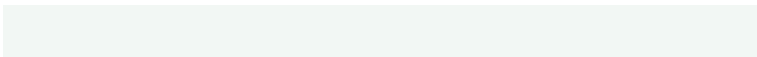
The Inverse Universe completely reimagines the original color for something new.



86.1401, 89.6933, 96.7815



92.6342, 96.4649, 104.0976



86.2743, 91.9581, 99.1256



18.1808, 18.9431, 20.4522



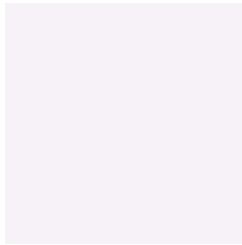
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 86.8984, 89.9938, 100.7862 looks on a white background.

Color Contrast Check

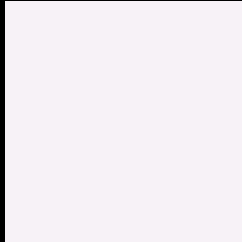
Large Text (above 18pt) WCAG AA × Fail

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 86.8984, 89.9938, 100.7862 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

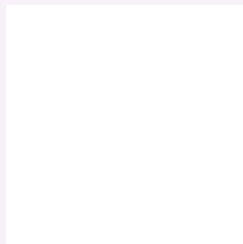
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8984, 89.9938, 100.7862

Background



This preview shows how black text looks on a background with the XYZ color 86.8984, 89.9938, 100.7862.



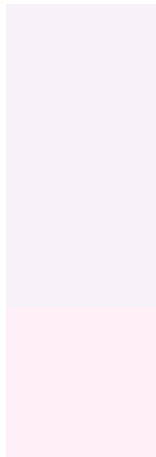
This preview shows how white text looks on a background with the XYZ color 86.8984, 89.9938,

100.7862.

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

86.8984, 89.9938, 100.7862

Protanopia

86.8984, 89.9938, 100.7862

Deuteranopia

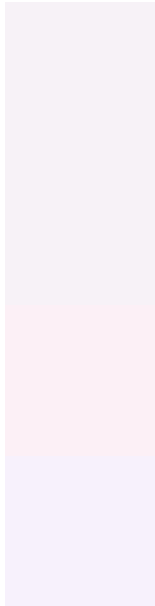
88.7411, 89.6468, 99.8152



Tritanopia

87.8631, 89.9048, 107.3302

Trichromacy



Original Color

86.8984, 89.9938, 100.7862

Protanomaly

86.8984, 89.9938, 100.7862

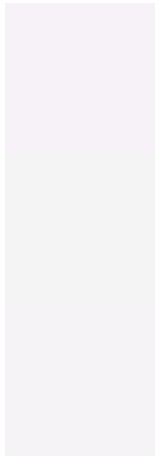
Deuteranomaly

87.9395, 89.6694, 99.8618

Tritanomaly

87.3838, 89.7130, 104.8062

Monochromacy



Original Color

86.8984, 89.9938, 100.7862

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 86.8984, 89.9938, 100.7862 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(247, 242, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 242, 247) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 86.8984, 89.9938, 100.7862 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(247, 242, 247) }
```


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

```
.border{ border-color:rgb(247, 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(247, 242, 247)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 86.8984, 89.9938, 100.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(247,  
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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