

Converting Colors

XYZ(87.1346, 90.3715, 98.6829)

Have a look what the booklet for
XYZ(87.1346, 90.3715, 98.6829)
contains.

XYZ(86.7927, 89.9924, 98.3838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.7927, 89.9924,
98.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2F4
RGB	248, 242, 244
RGB Percent	97%, 95%, 96%
CMY	0.0274, 0.0510, 0.0431
CMYK	0.00, 0.02, 0.02, 0.03
HSL	340°, 30%, 96%
HSV	340°, 2%, 97%
XYZ	86.7927, 89.9924, 98.3838
YIQ	244.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

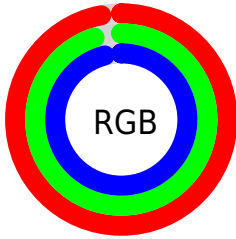
Format	Color
R _Y B	248, 242, 244
Decimal	16315124
CIE Lab	95.99, 2.35, -0.26
CIE LCh	96, 2.369, 353.682
Yxy	89.9924, 0.3154, 0.3270
Android (android.graphics.Color)	4294505204 (0xFF8F2F4)
YUV	244.0220, -0.0108, 3.4887
Hunter-Lab	94.8643, -2.7004, 4.9154

Details

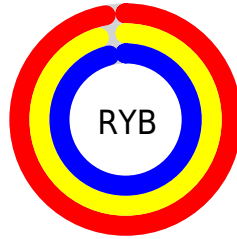
The XYZ color **86.7927, 89.9924, 98.3838** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.8233, 92.6682, 100.5041**, and the grayscale version is **86.0074, 90.4864, 98.5397**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3742, 49.9551, 54.6697** is the 20% darker color. If you saturate the color by 10%, you get **77.5062, 75.2599, 83.4458**, and if you desaturate by 10%, it is **92.5220, 98.6968, 108.7817**.

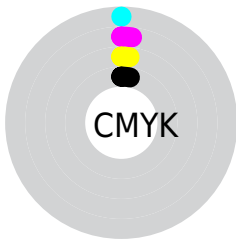
Distribution



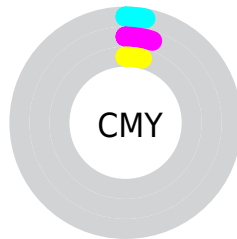
- Red (97%)
- Green (95%)
- Blue (96%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.7927, 89.9924, 98.3838 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 86.7927, 89.9924, 98.3838 by changing the saturation by 10% instead.


 86.7927, 89.9924,
98.3838

 86.7927, 89.9924,
98.3838


505.9362,
528.0061, 576.2008

 65.6511, 67.9743,
74.3421


141.7763,
147.3278, 160.9668

 48.2559, 49.8769,
54.5756


176.3491,
183.4140, 200.3453

 34.2417, 35.3156,
38.6657


216.1296,
224.9583, 245.6730

 23.2431, 23.9061,
26.1940

261.4832,
272.3452, 297.3687

 14.8948, 15.2640,
16.7417

312.7754,
325.9590, 355.8507

 8.8314, 9.0048,
9.8905

370.3713,

 4.6876, 4.7443,

386.1842, 421.5378

5.2218

434.6365,
453.4051, 494.8483

■ 2.0980, 2.0981,
2.3170

■ 0.6881, 0.6635,
0.7407

■ 86.7927, 89.9924,
98.3838

■ 86.7927, 89.9924,
98.3838

■ 77.5062, 75.2599,
83.4458

■ 92.5220, 98.6968,
108.7817

■ 69.3977, 62.5331,
69.9828

■ 62.4208, 51.7281,
57.9502

■ 56.5233, 42.7505,
47.2988

■ 51.6486, 35.4979,
37.9765

■ 47.7346, 29.8576,
29.9276

■ 44.7124, 25.7036,
23.0919

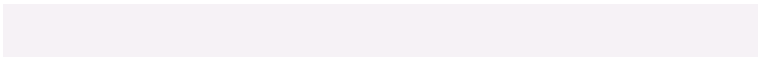
■ 42.5028, 22.8907,
17.4037

■ 41.0116, 21.2439,
12.7891

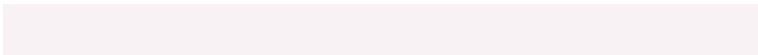
Harmonies

Analogous

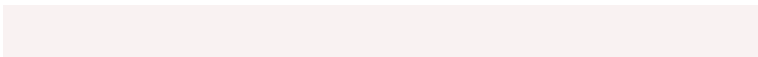
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5536, 89.9924, 100.1378



86.7927, 89.9924, 98.3838



86.6934, 89.9924, 96.5451

Triad

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



86.7927, 89.9924, 98.3838



85.0303, 89.9924, 94.7209



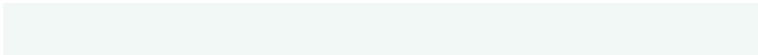
84.7915, 89.9924, 100.9209

Complementary

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



86.7927, 89.9924, 98.3838



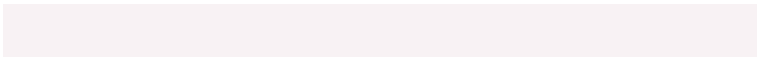
86.8233, 92.6682, 100.5041

Split Complementary

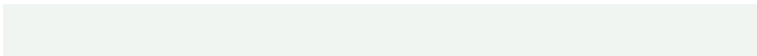
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3871, 89.9924, 99.4420



86.7927, 89.9924, 98.3838



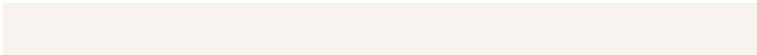
84.5245, 89.9924, 95.8661

Square

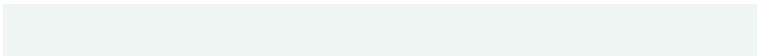
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.7927, 89.9924, 98.3838



85.6737, 89.9924, 94.4457



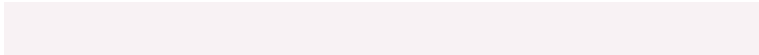
84.2897, 89.9924, 97.5901



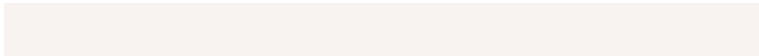
85.3966, 89.9924, 101.6145

Rectangle

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



86.7927, 89.9924, 98.3838



86.4489, 89.9924, 95.5169



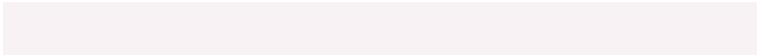
84.2897, 89.9924, 97.5901



84.6277, 89.9924, 100.4982

Sweetspot

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



86.7953, 89.9963, 98.3858



93.9692, 98.2747, 107.1945



86.7045, 89.8786, 101.5867



20.1247, 21.0530, 22.9620



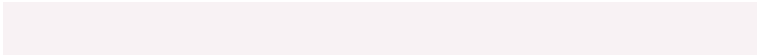
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

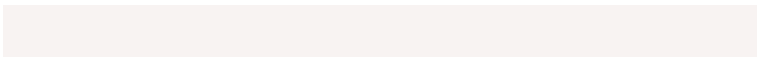
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7953, 89.9963, 98.3858



91.8470, 94.8914, 103.8325



86.7920, 90.4722, 96.8975



18.6499, 19.1732, 21.0056



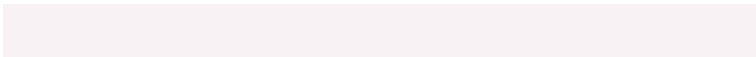
21.8039, 11.1373, 5.6760



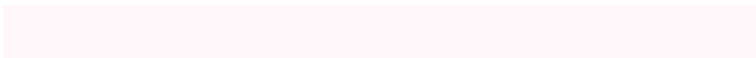
2.0664, 1.0503, 0.7731

Inverse Universe

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



86.7953, 89.9963, 98.3858



91.8470, 94.8914, 103.8325



86.8250, 92.1786, 102.0243



18.6499, 19.1732, 21.0056



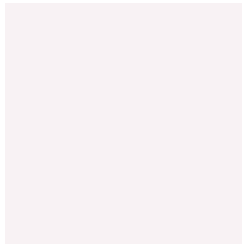
21.8039, 11.1373, 5.6760



2.0664, 1.0503, 0.7731

Previews

White Background



This preview shows how the XYZ color 86.7927, 89.9924, 98.3838 looks on a white background.

Color Contrast Check

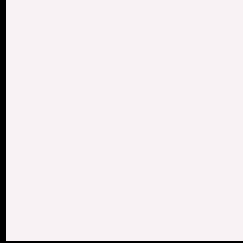
Large Text (above 18pt) WCAG AA × Fail

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 86.7927, 89.9924, 98.3838 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

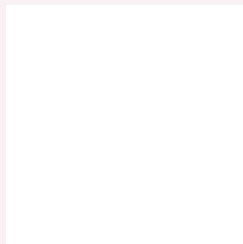
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7927, 89.9924, 98.3838

Background



This preview shows how black text looks on a background with the XYZ color 86.7927, 89.9924, 98.3838.



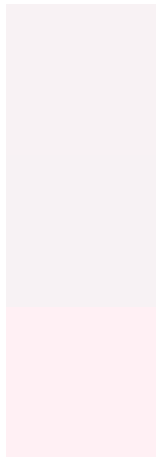
This preview shows how white text looks on a background with the XYZ color 86.7927, 89.9924,

98.3838.

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

86.7927, 89.9924, 98.3838

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

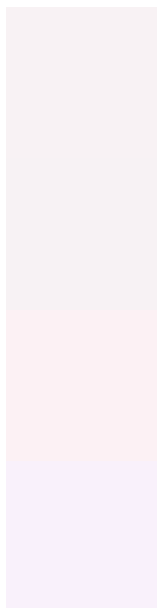
88.7292, 90.1118, 98.3047



Tritanopia

88.5722, 90.2703, 107.3634

Trichromacy



Original Color

86.7927, 89.9924, 98.3838

Protanomaly

86.4390, 89.8101, 98.3672

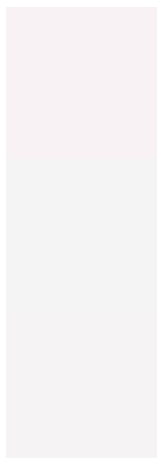
Deuteranomaly

87.9293, 90.1377, 98.3519

Tritanomaly

87.9348, 90.0154, 104.0068

Monochromacy



Original Color

86.7927, 89.9924, 98.3838

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.0359, 90.0453, 98.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7927, 89.9924, 98.3838 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, 242, 244) looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 244) }
```

Border

The CSS property to change the border of an element to XYZ 86.7927, 89.9924, 98.3838 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, 242, 244) }
```


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

```
.border{ border-color:rgb(248, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7927, 89.9924, 98.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 244) }
```

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

```
.background{ background-color: rgb(248,  
242, 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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