

Converting Colors

XYZ(86.9248, 89.6928, 97.2789)

Have a look what the booklet for
XYZ(86.9248, 89.6928, 97.2789)
contains.

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Color

**XYZ(87.0573, 89.7057,
97.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF1F3
RGB	250, 241, 243
RGB Percent	98%, 95%, 95%
CMY	0.0196, 0.0549, 0.0471
CMYK	0.00, 0.04, 0.03, 0.02
HSL	347°, 47%, 96%
HSV	347°, 4%, 98%
XYZ	87.0573, 89.7057, 97.5205
YIQ	243.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

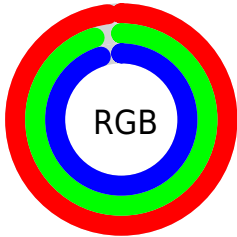
Format	Color
R_{YB}	250, 241, 243
Decimal	16445939
CIE Lab	95.87, 3.36, 0.10
CIE LCh	96, 3.362, 1.726
Yxy	89.7057, 0.3174, 0.3271
Android (android.graphics.Color)	4294636019 (0xFFFAF1F3)
YUV	243.9190, -0.4531, 5.3330
Hunter-Lab	94.7131, -1.6763, 5.2517

Details

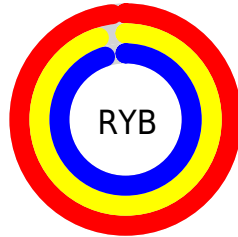
The XYZ color **87.0573, 89.7057, 97.5205** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4079, 93.8516, 102.3200**, and the grayscale version is **85.9274, 90.4023, 98.4481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5667, 49.7551, 54.0577** is the 20% darker color. If you saturate the color by 10%, you get **77.3755, 74.7963, 80.5588**, and if you desaturate by 10%, it is **93.2348, 99.0643, 108.8151**.

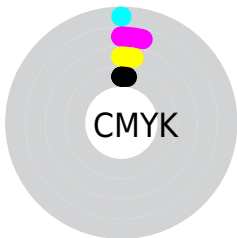
Distribution



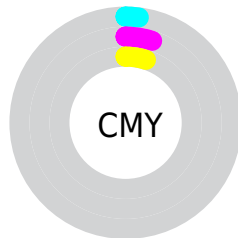
- Red (98%)
- Green (95%)
- Blue (95%)



- Red (98%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0573, 89.7057, 97.5205 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 87.0573, 89.7057, 97.5205 by changing the saturation by 10% instead.


 87.0573, 89.7057,
97.5205

 87.0573, 89.7057,
97.5205


506.7929,
527.0730, 573.3922

 65.8708, 67.7366,
73.6261


142.1433,
146.9295, 159.7676

 48.4349, 49.6835,
53.9932


176.7734,
182.9530, 198.9574

 34.3841, 35.1619,
38.2031


216.6156,
224.4301, 244.0828

 23.3531, 23.7877,
25.8373

262.0350,
271.7452, 295.5623

 14.9766, 15.1762,
16.4773

313.3971,
325.2826, 353.8145

 8.8892, 8.9431,
9.7045

371.0672,

 4.7255, 4.7041,

385.4268, 419.2578

5.1004

435.4107,
452.5621, 492.3109

■ 2.1202, 2.0747,
2.2465

■ 0.7002, 0.6503,
0.7010

■ 87.0573, 89.7057,
97.5205

■ 87.0573, 89.7057,
97.5205

■ 77.3755, 74.7963,
80.5588

■ 93.2348, 99.0643,
108.8151

■ 68.9672, 61.9525,
65.5088

■ 61.7811, 51.0863,
52.3042

■ 55.7590, 42.0990,
40.8732

■ 50.8383, 34.8833,
31.1386

■ 46.9502, 29.3209,
23.0178

■ 44.0179, 25.2791,
16.4208

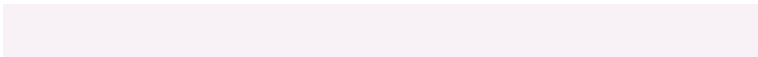
■ 41.9534, 22.6047,
11.2482

■ 40.6510, 21.1113,
7.3878

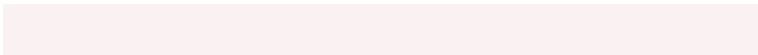
Harmonies

Analogous

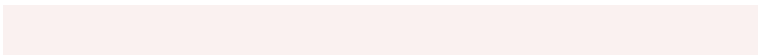
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8426, 89.7057, 100.1132



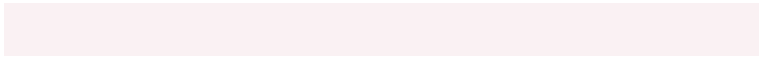
87.0573, 89.7057, 97.5205



86.7882, 89.7057, 95.0134

Triad

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



87.0573, 89.7057, 97.5205



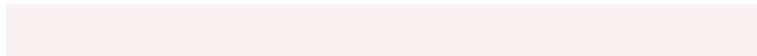
84.3284, 89.7057, 93.3948



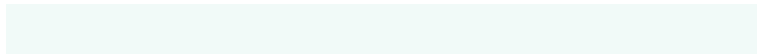
84.4207, 89.7057, 102.2410

Complementary

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



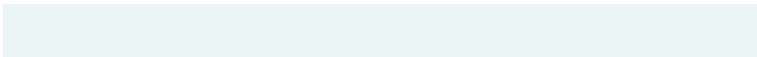
87.0573, 89.7057, 97.5205



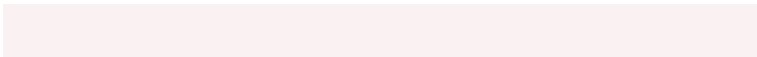
87.4079, 93.8516, 102.3200

Split Complementary

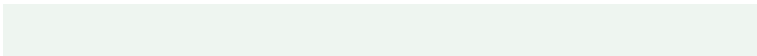
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.7549, 89.7057, 100.3843



87.0573, 89.7057, 97.5205



83.7018, 89.7057, 95.2752

Square

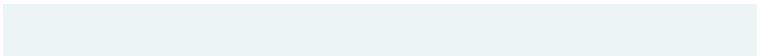
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



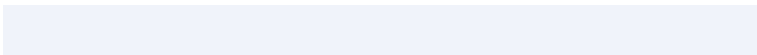
87.0573, 89.7057, 97.5205



85.2089, 89.7057, 92.6584



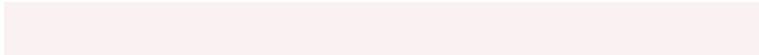
83.4927, 89.7057, 97.8282



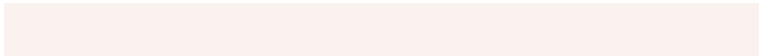
85.3163, 89.7057, 102.8680

Rectangle

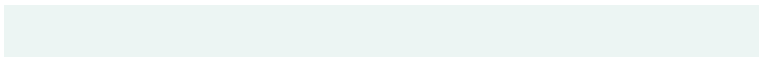
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



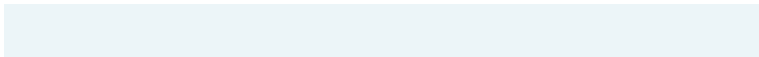
87.0573, 89.7057, 97.5205



86.3718, 89.7057, 93.7198



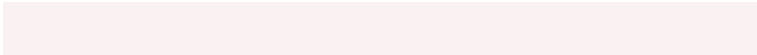
83.4927, 89.7057, 97.8282



84.1629, 89.7057, 101.7384

Sweetspot

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



87.0598, 89.7096, 97.5224



93.9240, 98.2566, 106.9567



87.3895, 89.7550, 103.1622



20.1155, 21.0493, 22.9136



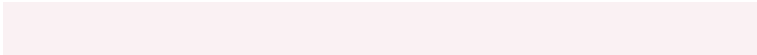
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

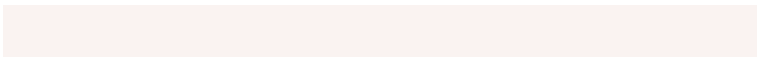
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0598, 89.7096, 97.5224



90.6301, 93.1631, 101.2521



87.4748, 91.0192, 96.1819



18.4072, 18.8374, 20.4633



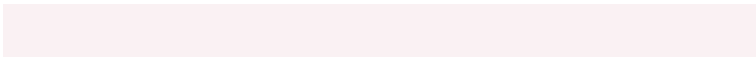
21.3274, 10.9467, 3.1664



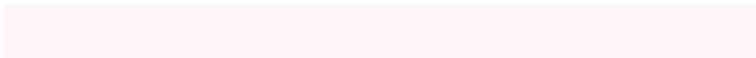
2.0132, 1.0290, 0.4931

Inverse Universe

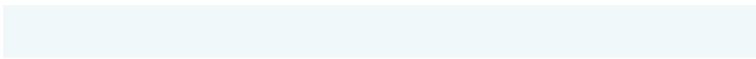
The Inverse Universe completely reimagines the original color for something new.



87.0598, 89.7096, 97.5224



90.6301, 93.1631, 101.2521



86.9786, 92.4948, 103.7127



18.4072, 18.8374, 20.4633



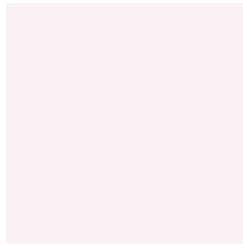
21.3274, 10.9467, 3.1664



2.0132, 1.0290, 0.4931

Previews

White Background



This preview shows how the XYZ color 87.0573, 89.7057, 97.5205 looks on a white background.

Color Contrast Check

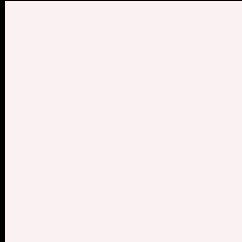
Large Text (above 18pt) WCAG AA × Fail

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 87.0573, 89.7057, 97.5205 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

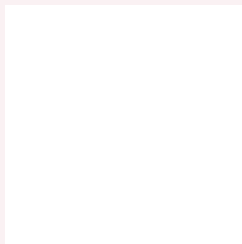
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0573, 89.7057, 97.5205

Background



This preview shows how black text looks on a background with the XYZ color 87.0573, 89.7057, 97.5205.

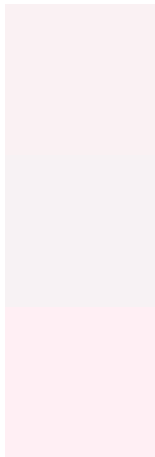


This preview shows how white text looks on a background with the XYZ color 87.0573, 89.7057,

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

87.0573, 89.7057, 97.5205

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

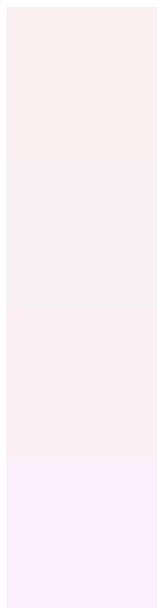
88.4356, 89.5247, 98.2069



Tritanopia

88.9937, 90.0494, 107.2985

Trichromacy



Original Color

87.0573, 89.7057, 97.5205

Protanomaly

86.7927, 89.9924, 98.3838

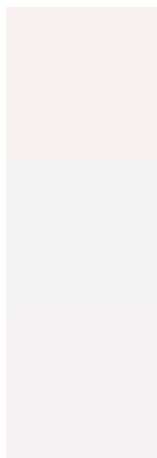
Deuteranomaly

87.9972, 89.7345, 98.2705

Tritanomaly

88.3563, 89.7944, 103.9420

Monochromacy



Original Color

87.0573, 89.7057, 97.5205

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.3858, 90.2257, 98.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0573, 89.7057, 97.5205 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(250, 241, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 241, 243)  
}
```

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(250, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 241, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.0573, 89.7057, 97.5205 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(250, 241, 243) }
```


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

```
.border{ border-color:rgb(250, 241, 243) }
```

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

Here you see how a box with a 4 pixel rgb(250, 241, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 241,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0573, 89.7057, 97.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 241, 243) }
```

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

```
.background{ background-color: rgb(250,  
241, 243) }
```

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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