

Converting Colors

XYZ(87.5788, 90.0697, 96.1083)

Have a look what the booklet for
XYZ(87.5788, 90.0697, 96.1083)
contains.

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Color

**XYZ(87.4774, 89.9569,
95.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1F1
RGB	252, 241, 241
RGB Percent	99%, 95%, 95%
CMY	0.0118, 0.0549, 0.0549
CMYK	0.00, 0.04, 0.04, 0.01
HSL	0°, 65%, 97%
HSV	0°, 4%, 99%
XYZ	87.4774, 89.9569, 95.9720
YIQ	244.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

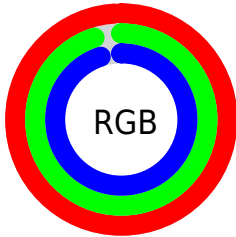
Format	Color
R_{YB}	252, 241, 241
Decimal	16577009
CIE _{Lab}	95.98, 3.69, 1.31
CIE _{LCh}	96, 3.915, 19.504
Yxy	89.9569, 0.3200, 0.3290
Android (android.graphics.Color)	4294767089 (0xFFFCF1F1)
YUV	244.2890, -1.6215, 6.7625
Hunter-Lab	94.8456, -1.3468, 6.3978

Details

The XYZ color **87.4774, 89.9569, 95.9720** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6567, 95.3486, 105.8281**, and the grayscale version is **86.2315, 90.7223, 98.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6116, 49.8028, 52.9497** is the 20% darker color. If you saturate the color by 10%, you get **77.0230, 74.6605, 75.1827**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

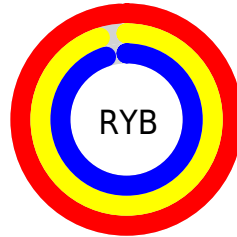
Distribution



Red (99%)

Green (95%)

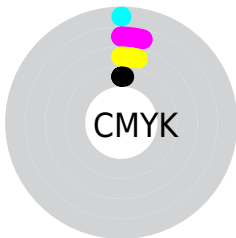
Blue (95%)



Red (99%)

Yellow (95%)

Blue (95%)

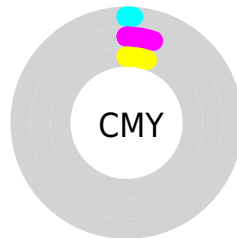


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4774, 89.9569, 95.9720 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 87.4774, 89.9569, 95.9720 by changing the saturation by 10% instead.


 87.4774, 89.9569,
95.9720

 87.4774, 89.9569,
95.9720


508.1514,
527.8906, 568.3357

 66.2197, 67.9449,
72.3429


142.7256,
147.2785, 157.6139

 48.7191, 49.8529,
52.9503


177.4469,
183.3569, 196.4637

 34.6103, 35.2965,
37.3756


217.3866,
224.8929, 241.2243

 23.5280, 23.8914,
25.2004

262.9103,
272.2709, 292.3140

 15.1067, 15.2531,
16.0060

314.3833,
325.8753, 350.1515

 8.9811, 8.9972,
9.3740

372.1709,

 4.7859, 4.7394,

386.0904, 415.1552

4.8858

436.6385,
453.3008, 487.7438

■ 2.1556, 2.0952,
2.1229

■ 0.7192, 0.6619,
0.6293

■ 87.4774, 89.9569,
95.9720

■ 87.4774, 89.9569,
95.9720

■ 77.0230, 74.6605,
75.1827

93.9554, 99.4357,
108.8488

■ 68.0547, 61.5379,
57.3517

■ 60.5071, 50.4941,
42.3464

■ 54.3076, 41.4225,
30.0218

■ 49.3768, 34.2071,
20.2201

■ 45.6270, 28.7196,
12.7671

■ 42.9595, 24.8158,
7.4663

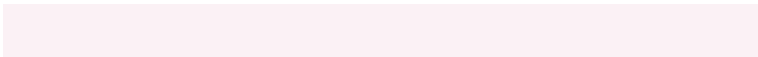
■ 41.2597, 22.3277,
4.0895

■ 40.3870, 21.0499,
2.3570

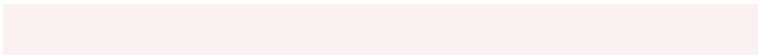
Harmonies

Analogous

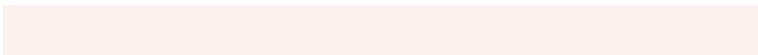
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5633, 89.9569, 99.0372



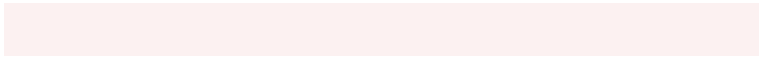
87.4774, 89.9569, 95.9720



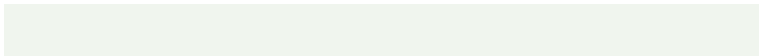
86.8595, 89.9569, 93.4864

Triad

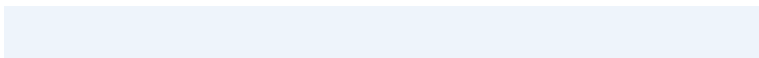
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4774, 89.9569, 95.9720



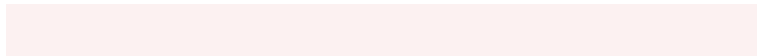
83.9290, 89.9569, 94.1293



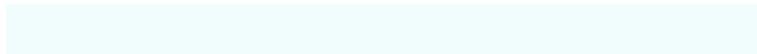
85.1229, 89.9569, 103.9238

Complementary

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



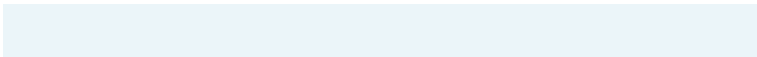
87.4774, 89.9569, 95.9720



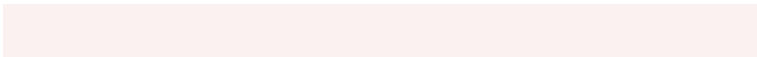
88.6567, 95.3486, 105.8281

Split Complementary

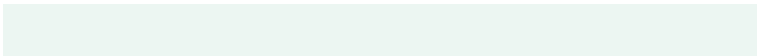
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1574, 89.9569, 102.5488



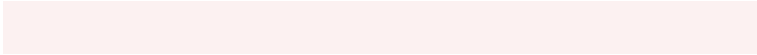
87.4774, 89.9569, 95.9720



83.4720, 89.9569, 96.8664

Square

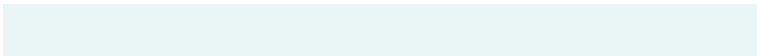
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4774, 89.9569, 95.9720



84.8086, 89.9569, 92.4382



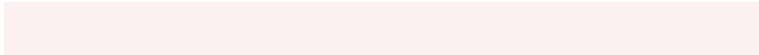
83.5553, 89.9569, 99.9505



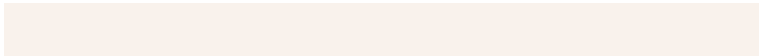
86.1978, 89.9569, 103.6721

Rectangle

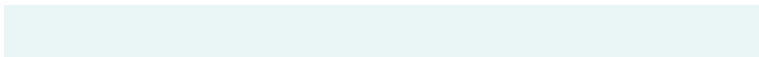
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



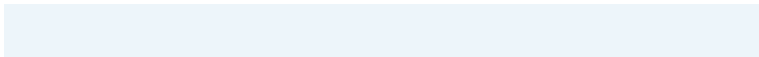
87.4774, 89.9569, 95.9720



86.2319, 89.9569, 92.4722



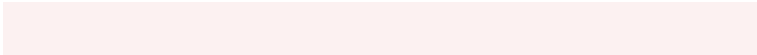
83.5553, 89.9569, 99.9505



84.7749, 89.9569, 103.6354

Sweetspot

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



87.4799, 89.9608, 95.9739



93.8343, 98.2212, 106.4828



89.1722, 90.6357, 104.8913



20.0972, 21.0421, 22.8172



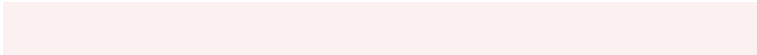
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

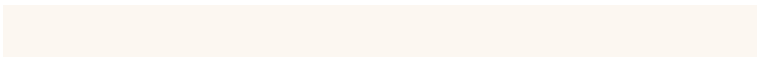
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4799, 89.9608, 95.9739



89.1326, 91.3419, 97.1344



89.1314, 93.2638, 96.5244



18.1023, 18.4803, 19.5826



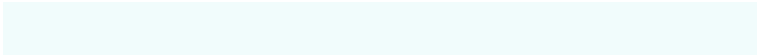
20.9127, 10.7820, 0.9789



1.9371, 0.9990, 0.0907

Inverse Universe

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



88.6567, 95.3486, 105.8281



90.5123, 97.6584, 108.6872



86.9557, 91.9466, 105.2611



18.4225, 19.9466, 22.2644



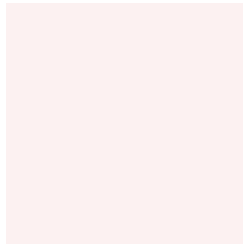
27.2705, 39.8967, 54.2371



2.5259, 3.6955, 5.0233

Previews

White Background



This preview shows how the XYZ color 87.4774, 89.9569, 95.9720 looks on a white background.

Color Contrast Check

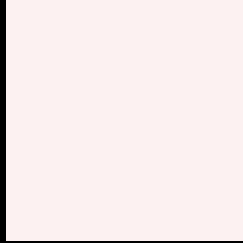
Large Text (above 18pt) WCAG AA × Fail

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 87.4774, 89.9569, 95.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

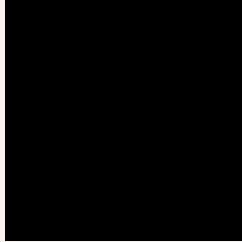
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

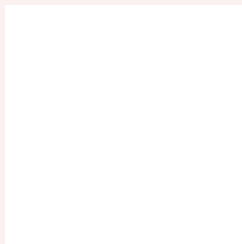
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4774, 89.9569, 95.9720

Background



This preview shows how black text looks on a background with the XYZ color 87.4774, 89.9569, 95.9720.

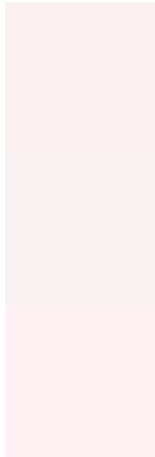


This preview shows how white text looks on a background with the XYZ color 87.4774, 89.9569,

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

87.4774, 89.9569, 95.9720

Protanopia

86.4905, 89.8715, 96.7928

Deuteranopia

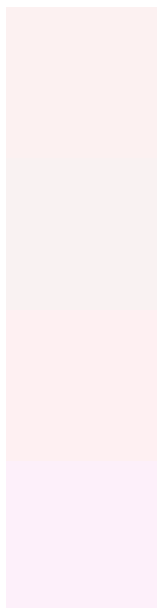
88.5778, 90.0512, 97.5071



Tritanopia

89.4245, 89.8357, 107.2346

Trichromacy



Original Color

87.4774, 89.9569, 95.9720

Protanomaly

86.8461, 90.0548, 96.8094

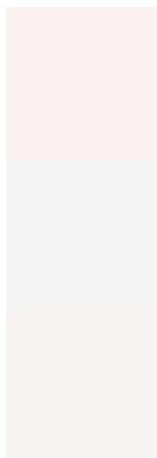
Deuteranomaly

88.0602, 89.8018, 96.6966

Tritanomaly

88.9234, 90.1050, 103.1477

Monochromacy



Original Color

87.4774, 89.9569, 95.9720

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.5860, 90.3464, 97.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4774, 89.9569, 95.9720 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(252, 241, 241) looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 241)  
}
```

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(252, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.4774, 89.9569, 95.9720 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(252, 241, 241) }
```


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

```
.border{ border-color:rgb(252, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4774, 89.9569, 95.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 241) }
```

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

```
.background{ background-color: rgb(252,  
241, 241) }
```

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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