

Converting Colors

XYZ(88.4584, 90.3951, 99.3750)

Have a look what the booklet for
XYZ(88.4584, 90.3951, 99.3750)
contains.

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Color

**XYZ(88.4447, 90.3858,
99.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF1F5
RGB	253, 241, 245
RGB Percent	99%, 95%, 96%
CMY	0.0078, 0.0549, 0.0392
CMYK	0.00, 0.05, 0.03, 0.01
HSL	340°, 75%, 97%
HSV	340°, 5%, 99%
XYZ	88.4447, 90.3858, 99.1709
YIQ	245.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

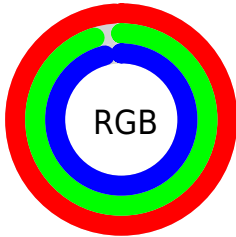
Format	Color
R _Y B	253, 241, 245
Decimal	16642549
CIE Lab	96.16, 4.71, -0.49
CIE LCh	96, 4.736, 354.013
Yxy	90.3858, 0.3181, 0.3251
Android (android.graphics.Color)	4294832629 (0xFFFD1F5)
YUV	245.0440, -0.0217, 6.9774
Hunter-Lab	95.0714, -0.3170, 4.7034

Details

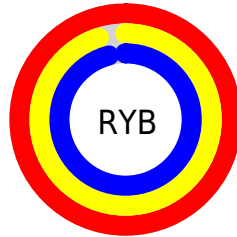
The XYZ color **88.4447, 90.3858, 99.1709** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5031, 95.7931, 103.4524**, and the grayscale version is **86.8255, 91.3472, 99.4771**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2992, 50.1078, 55.2175** is the 20% darker color. If you saturate the color by 10%, you get **79.0106, 75.4527, 83.8924**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

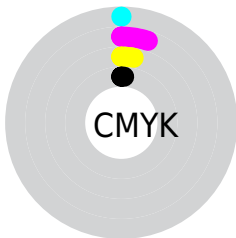
Distribution



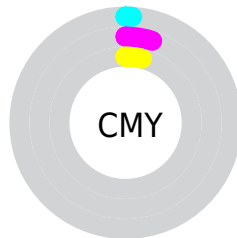
- Red (99%)
- Green (95%)
- Blue (96%)



- Red (99%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4447, 90.3858, 99.1709 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 88.4447, 90.3858, 99.1709 by changing the saturation by 10% instead.


 88.4447, 90.3858,
99.1709

 88.4447, 90.3858,
99.1709


511.2721,
529.2850, 578.7552

 67.0234, 68.3007,
74.9953


144.0655,
147.8742, 162.0593

 49.3744, 50.1424,
55.1073


178.9957,
184.0462, 201.6091

 35.1324, 35.5265,
39.0885


219.1596,
225.6827, 247.1208

 23.9318, 24.0688,
26.5202

264.9226,
273.1679, 299.0128

 15.4075, 15.3846,
16.9840

316.6500,
326.8864, 357.7037

 9.1941, 9.0898,
10.0612

374.7071,

 4.9261, 4.7998,

387.2225, 423.6120

5.3334

439.4593,
454.5606, 497.1563

■ 2.2383, 2.1303,
2.3821

■ 0.7628, 0.6816,
0.7766

■ 88.4447, 90.3858,
99.1709

■ 88.4447, 90.3858,
99.1709

■ 79.0106, 75.4527,
83.8924

94.3185, 99.6229,
108.8658

■ 70.8000, 62.6019,
70.1486

■ 63.7635, 51.7436,
57.8922

■ 57.8451, 42.7770,
47.0708

■ 52.9842, 35.5923,
37.6290

■ 49.1142, 30.0683,
29.5073

■ 46.1604, 26.0685,
22.6413

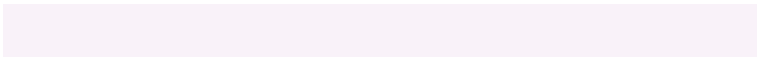
■ 44.0368, 23.4344,
16.9603

■ 42.6387, 21.9716,
12.3842

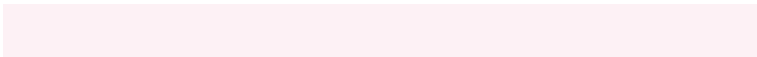
Harmonies

Analogous

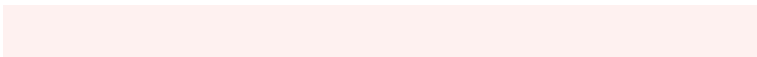
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9683, 90.3858, 102.7253



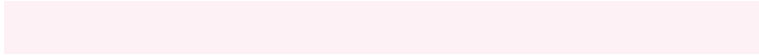
88.4447, 90.3858, 99.1709



88.2361, 90.3858, 95.5013

Triad

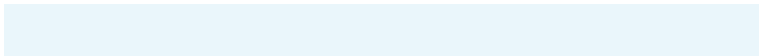
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4447, 90.3858, 99.1709



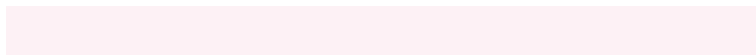
84.8856, 90.3858, 91.9561



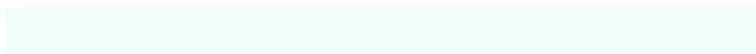
84.4339, 90.3858, 104.3827

Complementary

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



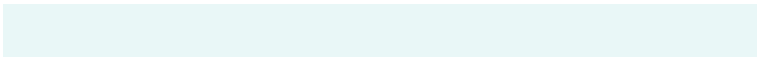
88.4447, 90.3858, 99.1709



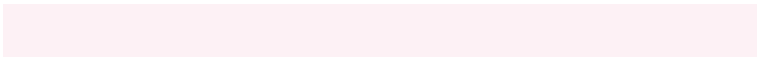
88.5031, 95.7931, 103.4524

Split Complementary

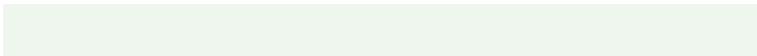
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6232, 90.3858, 101.3869



88.4447, 90.3858, 99.1709



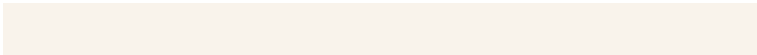
83.8821, 90.3858, 94.2266

Square

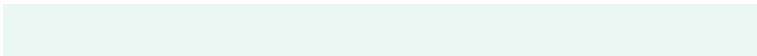
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



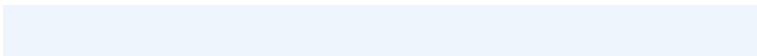
88.4447, 90.3858, 99.1709



86.1726, 90.3858, 91.3968



83.4222, 90.3858, 97.6625



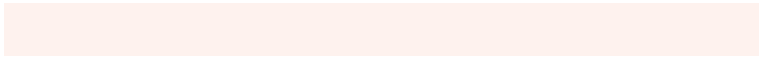
85.6459, 90.3858, 105.7832

Rectangle

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



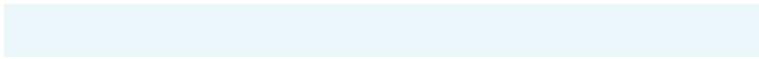
88.4447, 90.3858, 99.1709



87.7377, 90.3858, 93.4754



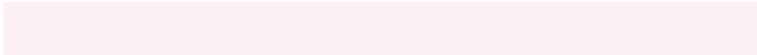
83.4222, 90.3858, 97.6625



84.1059, 90.3858, 103.5252

Sweetspot

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



88.4473, 90.3897, 99.1729



93.9693, 98.2747, 107.1950



88.2549, 90.1463, 105.6781



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

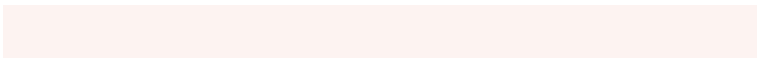
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4473, 90.3897, 99.1729



88.7622, 89.9838, 98.9138



88.4387, 91.3384, 96.1926



18.8583, 19.0372, 20.9464



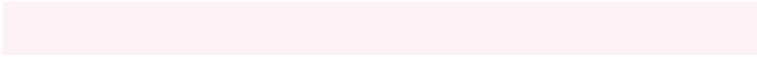
22.4659, 11.4756, 5.8377



2.2357, 1.1366, 0.8225

Inverse Universe

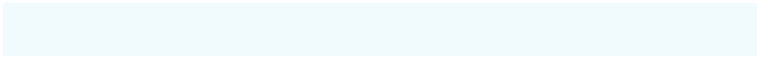
The Inverse Universe completely reimagines the original color for something new.



88.4473, 90.3897, 99.1729



88.7622, 89.9838, 98.9138



88.5054, 94.7894, 106.5611



18.8583, 19.0372, 20.9464



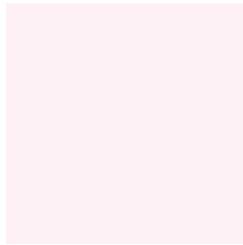
22.4659, 11.4756, 5.8377



2.2357, 1.1366, 0.8225

Previews

White Background



This preview shows how the XYZ color 88.4447, 90.3858, 99.1709 looks on a white background.

Color Contrast Check

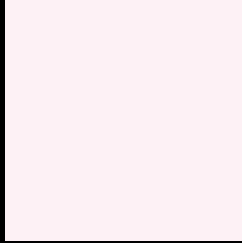
Large Text (above 18pt) WCAG AA × Fail

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 88.4447, 90.3858, 99.1709 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 88.4447, 90.3858, 99.1709

Background



This preview shows how black text looks on a background with the XYZ color 88.4447, 90.3858, 99.1709.

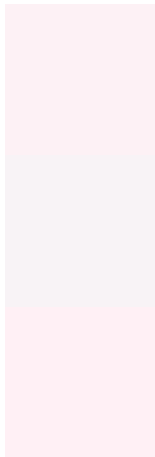


This preview shows how white text looks on a background with the XYZ color 88.4447, 90.3858,

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

88.4447, 90.3858, 99.1709

Protanopia

87.3965, 90.7115, 100.0915

Deuteranopia

88.8815, 90.1727, 99.1067



Tritanopia

89.7181, 90.4228, 107.3324

Trichromacy



Original Color

88.4447, 90.3858, 99.1709

Protanomaly

87.8110, 90.4821, 100.0254

Deuteranomaly

88.5146, 89.9836, 99.0895

Tritanomaly

89.0807, 90.1679, 103.9759

Monochromacy



Original Color

88.4447, 90.3858, 99.1709

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5435, 91.2504, 99.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4447, 90.3858, 99.1709 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(253, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 245)  
}
```

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(253, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.4447, 90.3858, 99.1709 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(253, 241, 245) }
```


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

```
.border{ border-color:rgb(253, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4447, 90.3858, 99.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 245) }
```

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

```
.background{ background-color: rgb(253,  
241, 245) }
```

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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