

Converting Colors

XYZ(88.4471, 90.8469, 98.2865)

Have a look what the booklet for
XYZ(88.4471, 90.8469, 98.2865)
contains.

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Color

**XYZ(88.5893, 90.9186,
98.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF2F4
RGB	253, 242, 244
RGB Percent	99%, 95%, 96%
CMY	0.0078, 0.0510, 0.0431
CMYK	0.00, 0.04, 0.04, 0.01
HSL	349°, 73%, 97%
HSV	349°, 4%, 99%
XYZ	88.5893, 90.9186, 98.4678
YIQ	245.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

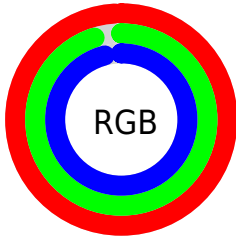
Format	Color
R _Y B	253, 242, 244
Decimal	16642804
CIE Lab	96.38, 4.03, 0.34
CIE LCh	96, 4.043, 4.888
Yxy	90.9186, 0.3187, 0.3271
Android (android.graphics.Color)	4294832884 (0xFFFD2F4)
YUV	245.5170, -0.7479, 6.5626
Hunter-Lab	95.3512, -1.0232, 5.5180

Details

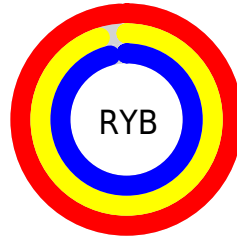
The XYZ color **88.5893, 90.9186, 98.4678** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.1593, 96.0952, 105.1207**, and the grayscale version is **87.2122, 91.7540, 99.9201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4010, 50.4844, 54.7177** is the 20% darker color. If you saturate the color by 10%, you get **78.6045, 75.7007, 80.4883**, and if you desaturate by 10%, it is **94.3186, 99.6229, 108.8658**.

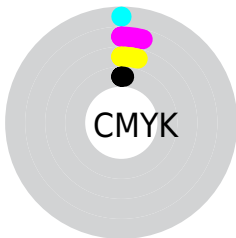
Distribution



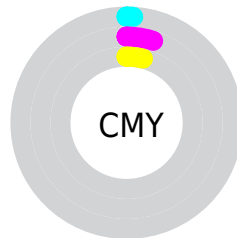
- Red (99%)
- Green (95%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5893, 90.9186, 98.4678 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 88.5893, 90.9186, 98.4678 by changing the saturation by 10% instead.

 88.5893, 90.9186,
98.4678

 88.5893, 90.9186,
98.4678


511.7377,
531.0145, 576.4737

 67.1436, 68.7428,
74.4118


144.2656,
148.6137, 161.0835

 49.4725, 50.5023,
54.6323


179.2270,
184.9018, 200.4802

 35.2105, 35.8126,
38.7108


219.4244,
226.6628, 245.8276

 23.9924, 24.2895,
26.2287

265.2230,
274.2810, 297.5443

 15.4527, 15.5485,
16.7675

316.9883,
328.1409, 356.0487

 9.2261, 9.2053,
9.9087

375.0856,

 4.9472, 4.8753,

388.6268, 421.7593

5.2336

439.8803,
456.1232, 495.0948

■ 2.2508, 2.1743,
2.3239

■ 0.7693, 0.7059,
0.7445

■ 88.5893, 90.9186,
98.4678

■ 88.5893, 90.9186,
98.4678

■ 78.6045, 75.7007,
80.4883

94.3186, 99.6229,
108.8658

■ 69.9580, 62.6138,
64.6394

■ 62.5947, 51.5661,
50.8432

■ 56.4526, 42.4545,
39.0152

■ 51.4647, 35.1670,
29.0645

■ 47.5571, 29.5800,
20.8933

■ 44.6476, 25.5543,
14.3944

■ 42.6413, 22.9289,
9.4491

■ 41.4240, 21.5070,
5.9213

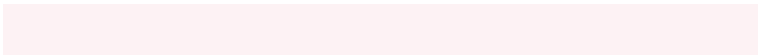
Harmonies

Analogous

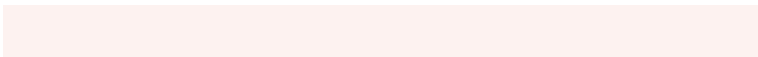
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3895, 90.9186, 101.6482



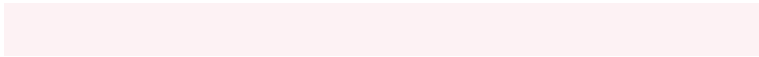
88.5893, 90.9186, 98.4678



88.2025, 90.9186, 95.4925

Triad

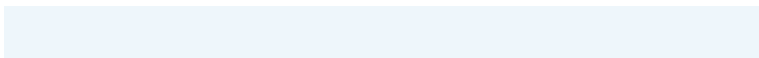
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5893, 90.9186, 98.4678



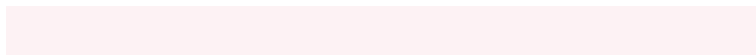
85.1837, 90.9186, 93.9982



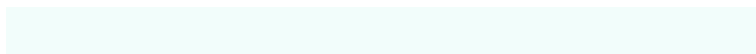
85.5004, 90.9186, 104.7128

Complementary

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



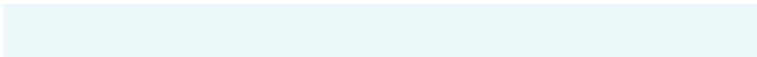
88.5893, 90.9186, 98.4678



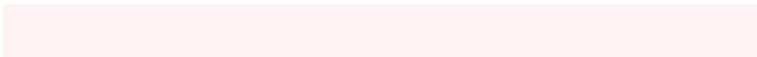
89.1593, 96.0952, 105.1207

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.



84.6526, 90.9186, 102.5819



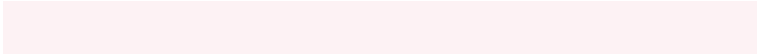
88.5893, 90.9186, 98.4678



84.4709, 90.9186, 96.3882

Square

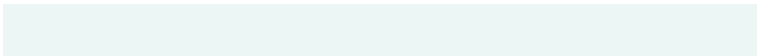
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



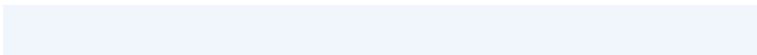
88.5893, 90.9186, 98.4678



86.2312, 90.9186, 92.9480



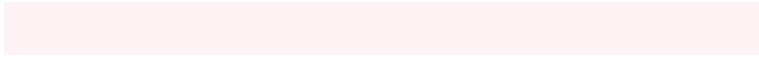
84.2774, 90.9186, 99.5239



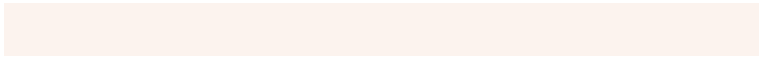
86.5999, 90.9186, 105.2985

Rectangle

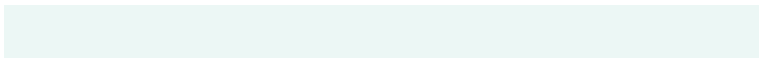
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



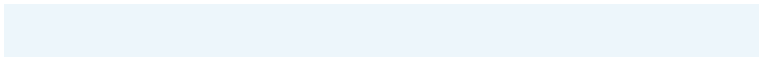
88.5893, 90.9186, 98.4678



87.6659, 90.9186, 94.0117



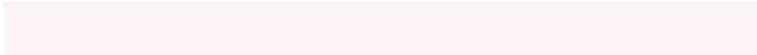
84.2774, 90.9186, 99.5239



85.1768, 90.9186, 104.1512

Sweetspot

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



88.5919, 90.9225, 98.4698



93.9076, 98.2501, 106.8704



89.2623, 91.1064, 105.8104



20.1121, 21.0480, 22.8961



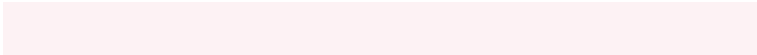
0.0000, 0.0000, 0.0000



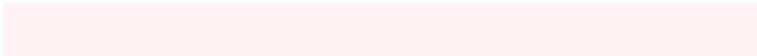
20.3446, 21.4041, 23.3091

Same Dimension

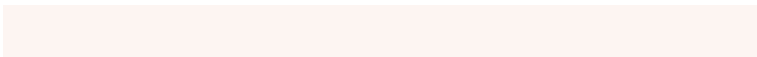
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5919, 90.9225, 98.4698



89.4815, 91.4792, 98.9787



89.3367, 92.8945, 97.2311



18.9913, 19.3337, 20.8967



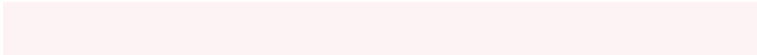
21.8479, 11.2284, 2.5834



2.1619, 1.1071, 0.4339

Inverse Universe

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



88.5919, 90.9225, 98.4698



89.4815, 91.4792, 98.9787



88.3864, 94.0433, 106.4235



18.9913, 19.3337, 20.8967



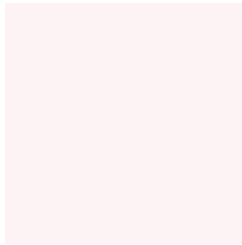
21.8479, 11.2284, 2.5834



2.1619, 1.1071, 0.4339

Previews

White Background



This preview shows how the XYZ color 88.5893, 90.9186, 98.4678 looks on a white background.

Color Contrast Check

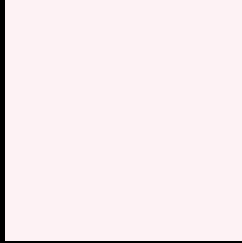
Large Text (above 18pt) WCAG AA × Fail

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 88.5893, 90.9186, 98.4678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

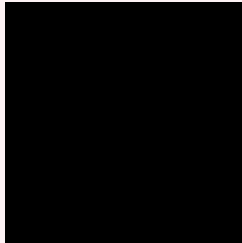
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5893, 90.9186, 98.4678

Background



This preview shows how black text looks on a background with the XYZ color 88.5893, 90.9186, 98.4678.



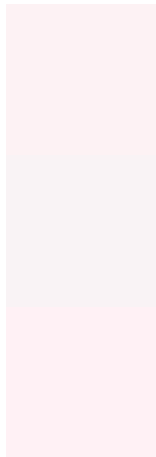
This preview shows how white text looks on a background with the XYZ color 88.5893, 90.9186,

98.478.

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

88.5893, 90.9186, 98.4678

Protanopia

87.5989, 90.8335, 99.3019

Deuteranopia

89.1767, 90.7632, 99.2051



Tritanopia

89.6502, 90.8260, 107.4138

Trichromacy



Original Color

88.5893, 90.9186, 98.4678

Protanomaly

87.9564, 91.0177, 99.3186

Deuteranomaly

88.8098, 90.5740, 99.1880

Tritanomaly

89.0128, 90.5711, 104.0573

Monochromacy



Original Color

88.5893, 90.9186, 98.4678

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.2008, 92.0371, 99.5025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5893, 90.9186, 98.4678 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, 242, 244) looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 244) }
```

Border

The CSS property to change the border of an element to XYZ 88.5893, 90.9186, 98.4678 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, 242, 244) }
```


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

```
.border{ border-color:rgb(253, 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(253, 242, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5893, 90.9186, 98.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 244) }
```

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

```
.background{ background-color: rgb(253,  
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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