

Converting Colors

XYZ(85.9884, 90.1073, 94.5217)

Have a look what the booklet for
XYZ(85.9884, 90.1073, 94.5217)
contains.

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Color

**XYZ(85.9884, 90.1073,
94.5217)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F3EF
RGB	247, 243, 239
RGB Percent	97%, 95%, 94%
CMY	0.0314, 0.0470, 0.0627
CMYK	0.00, 0.02, 0.03, 0.03
HSL	30°, 33%, 95%
HSV	30°, 3%, 97%
XYZ	85.9884, 90.1073, 94.5217
YIQ	243.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

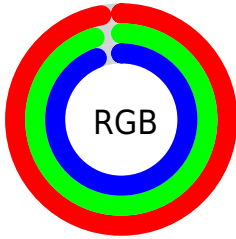
Format	Color
R_{YB}	247, 247, 239
Decimal	16249839
CIE _{Lab}	96.04, 0.65, 2.39
CIE _{LCh}	96, 2.471, 74.848
Yxy	90.1073, 0.3177, 0.3330
Android (android.graphics.Color)	4294439919 (0xFF7F3EF)
YUV	243.7400, -2.3368, 2.8590
Hunter-Lab	94.9249, -4.4230, 7.4092

Details

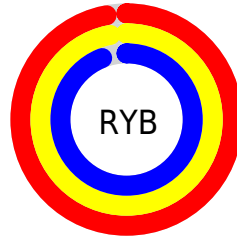
The XYZ color **85.9884, 90.1073, 94.5217** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4358, 89.1663, 100.7576**, and the grayscale version is **85.7995, 90.2677, 98.3016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8034, 50.0359, 51.9381** is the 20% darker color. If you saturate the color by 10%, you get **79.0177, 81.6112, 75.4083**, and if you desaturate by 10%, it is **92.1684, 98.5145, 108.7651**.

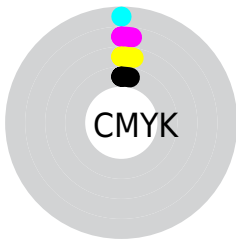
Distribution



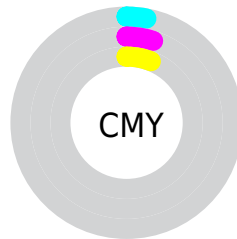
- Red (97%)
- Green (95%)
- Blue (94%)



- Red (97%)
- Yellow (97%)
- Blue (94%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9884, 90.1073, 94.5217 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 85.9884, 90.1073, 94.5217 by changing the saturation by 10% instead.

85.9884, 90.1073,
94.5217

85.9884, 90.1073,
94.5217

503.3275,
528.3798, 563.5778

64.9836, 68.0696,
71.1423

140.6602,
147.4874, 155.5935

47.7124, 49.9544,
51.9758

175.0580,
183.5987, 194.1230

33.8095, 35.3772,
36.6036

214.6507,
225.1699, 238.5396

22.9095, 23.9536,
24.6074

259.8039,
272.5856, 289.2618

14.6470, 15.2992,
15.5684

310.8828,
326.2300, 346.7082

8.6567, 9.0296,
9.0683

368.2528,

4.5733, 4.7605,

386.4876, 411.2973

4.6883

432.2792,
453.7427, 483.4476

■ 2.0313, 2.1074,
2.0100

■ 0.6514, 0.6688,
0.5614

■ 85.9884, 90.1073,
94.5217

■ 85.9884, 90.1073,
94.5217

■ 79.0177, 81.6112,
75.4083

■ 92.1684, 98.5145,
108.7651

■ 72.7664, 73.7893,
58.8946

■ 67.2106, 66.6268,
44.8681

■ 62.3221, 60.1043,
33.2053

■ 58.0704, 54.2011,
23.7724

■ 54.4225, 48.8951,
16.4218

■ 51.3414, 44.1624,
10.9880

■ 48.7853, 39.9766,
7.2796

■ 46.7042, 36.3079,
5.0646

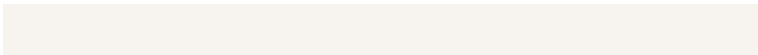
Harmonies

Analogous

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



86.5798, 90.1073, 95.4799



85.9884, 90.1073, 94.5217



85.3078, 90.1073, 94.5167

Triad

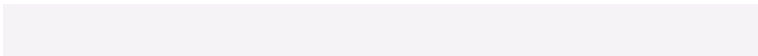
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9884, 90.1073, 94.5217



84.3797, 90.1073, 99.0796



86.5749, 90.1073, 100.8054

Complementary

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



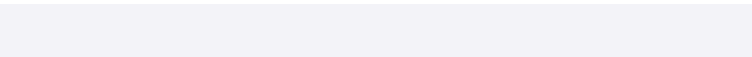
85.9884, 90.1073, 94.5217



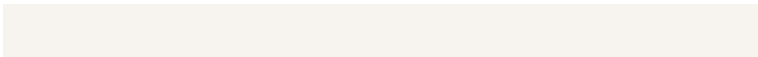
84.4358, 89.1663, 100.7576

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.



85.9816, 90.1073, 101.7964



85.9884, 90.1073, 94.5217



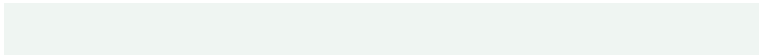
84.7155, 90.1073, 100.7911

Square

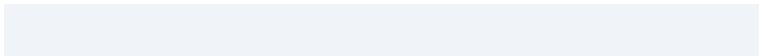
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



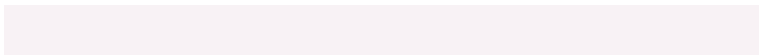
85.9884, 90.1073, 94.5217



84.3815, 90.1073, 97.1306



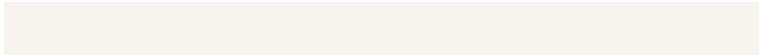
85.3011, 90.1073, 101.7911



86.9196, 90.1073, 99.0990

Rectangle

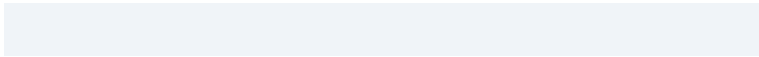
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



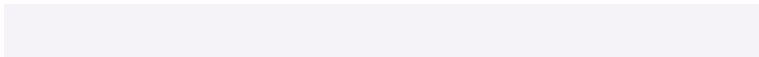
85.9884, 90.1073, 94.5217



84.8952, 90.1073, 95.0537



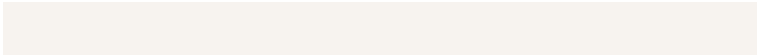
85.3011, 90.1073, 101.7911



86.3978, 90.1073, 101.2343

Sweetspot

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



85.9909, 90.1112, 94.5237



94.2371, 99.0269, 106.6171



85.4033, 87.9796, 97.2759



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



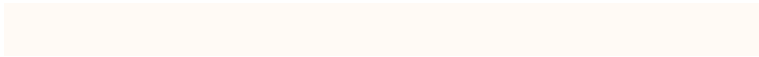
20.3446, 21.4041, 23.3091

Same Dimension

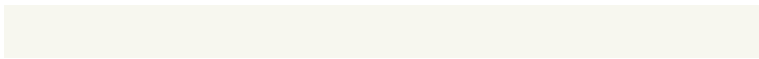
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9909, 90.1112, 94.5237



91.8471, 96.1527, 99.9447



87.1999, 92.5291, 94.9266



17.8892, 18.7098, 19.2770



24.2154, 18.3164, 2.2591



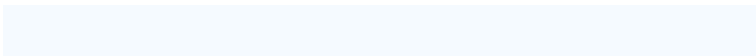
2.2311, 1.8154, 0.2328

Inverse Universe

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



84.4358, 89.1663, 100.7576



89.7894, 94.9024, 108.1933



83.2529, 86.8005, 100.3633



17.4144, 18.4213, 21.1804



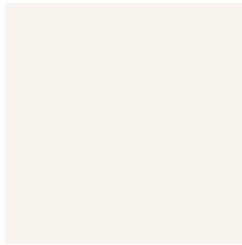
12.7915, 11.3768, 48.0598



1.2270, 1.2054, 4.2582

Previews

White Background



This preview shows how the XYZ color 85.9884, 90.1073, 94.5217 looks on a white background.

Color Contrast Check

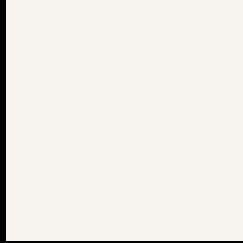
Large Text (above 18pt) WCAG AA × Fail

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 85.9884, 90.1073, 94.5217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

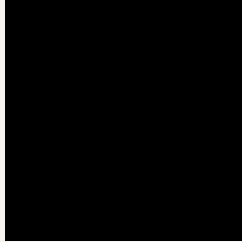
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

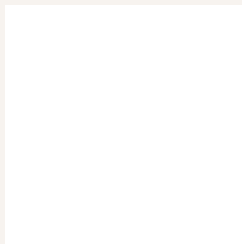
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9884, 90.1073, 94.5217

Background



This preview shows how black text looks on a background with the XYZ color 85.9884, 90.1073, 94.5217.

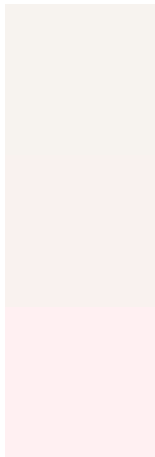


This preview shows how white text looks on a background with the XYZ color 85.9884, 90.1073, 94.5217.

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

85.9884, 90.1073, 94.5217

Protanopia

86.3990, 89.8760, 94.4554

Deuteranopia

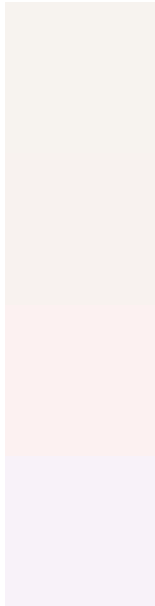
88.4271, 89.9910, 96.7138



Tritanopia

88.2167, 90.0871, 107.3468

Trichromacy



Original Color

85.9884, 90.1073, 94.5217

Protanomaly

86.0435, 89.6927, 94.4388

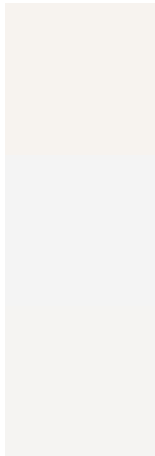
Deuteranomaly

87.4774, 89.9569, 95.9720

Tritanomaly

87.5624, 90.3003, 102.4372

Monochromacy



Original Color

85.9884, 90.1073, 94.5217

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.0339, 90.5246, 96.9429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9884, 90.1073, 94.5217 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(247, 243, 239) looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 239)  
}
```

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(247, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.9884, 90.1073, 94.5217 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(247, 243, 239) }
```


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

```
.border{ border-color:rgb(247, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9884, 90.1073, 94.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 239) }
```

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

```
.background{ background-color: rgb(247,  
243, 239) }
```

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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