

Converting Colors

XYZ(89.7066, 92.3663, 99.4881)

Have a look what the booklet for
XYZ(89.7066, 92.3663, 99.4881)
contains.

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Color

**XYZ(89.7052, 92.3648,
99.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF4F5
RGB	254, 244, 245
RGB Percent	100%, 96%, 96%
CMY	0.0039, 0.0431, 0.0392
CMYK	0.00, 0.04, 0.04, 0.00
HSL	354°, 83%, 98%
HSV	354°, 4%, 100%
XYZ	89.7052, 92.3648, 99.4864
YIQ	247.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 244, 245
Decimal	16708853
CIE _{Lab}	96.97, 3.52, 0.70
CIE _{LCh}	97, 3.585, 11.289
Yxy	92.3648, 0.3186, 0.3281
Android (android.graphics.Color)	4294898933 (0xFFFEF4F5)
YUV	247.1040, -1.0373, 6.0478
Hunter-Lab	96.1066, -1.5760, 5.8996

Details

The XYZ color 89.7052, 92.3648, 99.4864 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4832, 97.2110, 106.9281, and the grayscale version is 88.4999, 93.1088, 101.3955.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1945, 51.5109, 55.4412 is the 20% darker color. If you saturate the color by 10%, you get 79.3049, 76.8097, 79.8457, and if you desaturate by 10%, it is 94.6836, 99.8111, 108.8829.

Distribution



Red (100%)

Green (96%)

Blue (96%)



Red (100%)

Yellow (96%)

Blue (96%)



Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7052, 92.3648, 99.4864 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 89.7052, 92.3648, 99.4864 by changing the saturation by 10% instead.


 89.7052, 92.3648,
99.4864

 89.7052, 92.3648,
99.4864


515.3236,
535.6938, 579.7774

 68.0716, 69.9437,
75.2572

145.8093,
150.6189, 162.4969

 50.2299, 51.4806,
55.3206


181.0105,
187.2206, 202.1153

 35.8147, 36.5912,
39.2581


221.4649,
229.3181, 247.7005

 24.4605, 24.8912,
26.6512

267.5380,
277.2955, 299.6710

 15.8022, 15.9960,
17.0813

319.5951,
331.5374, 358.4454

 9.4742, 9.5213,
10.1299

378.0015,

 5.1114, 5.0827,

392.4282, 424.4423

5.3785

443.1225,
460.3522, 498.0801

■ 2.3482, 2.2959,
2.4084

■ 0.8191, 0.7715,
0.7910

■ 89.7052, 92.3648,
99.4864

■ 89.7052, 92.3648,
99.4864

■ 79.3049, 76.8097,
79.8457

94.6836, 99.8111,
108.8829

■ 70.3283, 63.4378,
62.7301

■ 62.7156, 52.1548,
48.0390

■ 56.4000, 42.8552,
35.6625

■ 51.3086, 35.4242,
25.4823

■ 47.3618, 29.7352,
17.3696

■ 44.4700, 25.6460,
11.1821

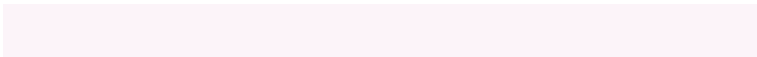
■ 42.5304, 22.9918,
6.7596

■ 41.4193, 21.5719,
3.9151

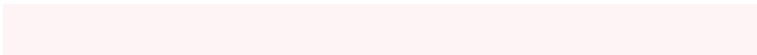
Harmonies

Analogous

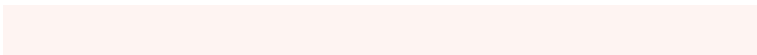
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6393, 92.3648, 102.3615



89.7052, 92.3648, 99.4864



89.2550, 92.3648, 96.9496

Triad

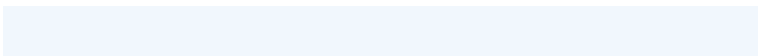
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7052, 92.3648, 99.4864



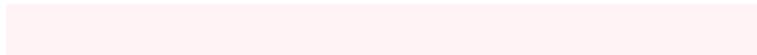
86.5167, 92.3648, 96.4545



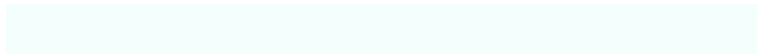
87.1694, 92.3648, 105.9214

Complementary

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



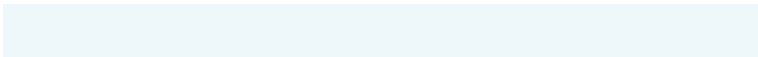
89.7052, 92.3648, 99.4864



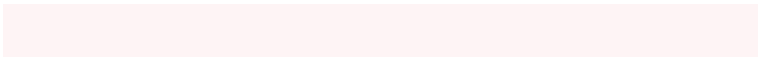
90.4832, 97.2110, 106.9281

Split Complementary

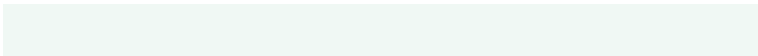
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3411, 92.3648, 104.2785



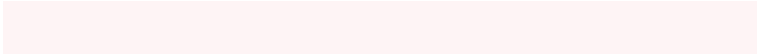
89.7052, 92.3648, 99.4864



85.9662, 92.3648, 98.7987

Square

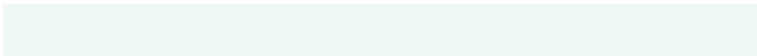
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7052, 92.3648, 99.4864



87.4109, 92.3648, 95.2216



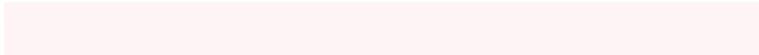
85.9022, 92.3648, 101.6606



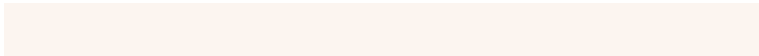
88.1701, 92.3648, 106.1141

Rectangle

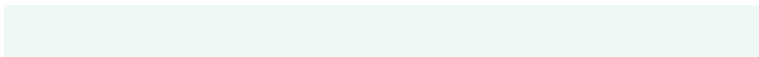
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



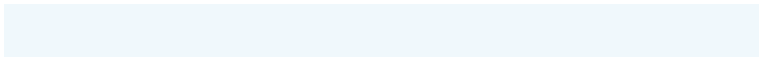
89.7052, 92.3648, 99.4864



88.7247, 92.3648, 95.7774



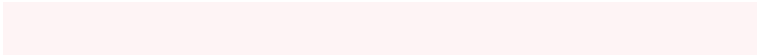
85.9022, 92.3648, 101.6606



86.8618, 92.3648, 105.5190

Sweetspot

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



89.7078, 92.3688, 99.4884



93.8744, 98.2368, 106.6954



90.7509, 92.7439, 106.8855



20.1054, 21.0453, 22.8604



0.0000, 0.0000, 0.0000



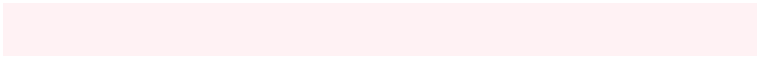
20.3446, 21.4041, 23.3091

Same Dimension

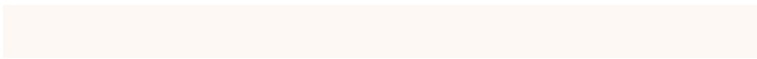
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7078, 92.3688, 99.4884



89.3229, 91.4157, 98.1435



90.7724, 94.7406, 99.0953



18.9529, 19.3184, 20.6946



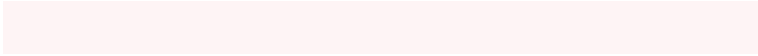
21.6668, 11.1560, 1.6297



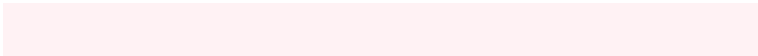
2.1329, 1.0955, 0.2814

Inverse Universe

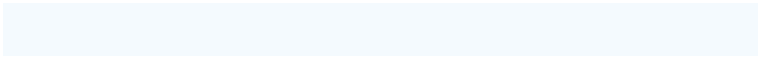
The Inverse Universe completely reimagines the original color for something new.



89.7078, 92.3688, 99.4884



89.3229, 91.4157, 98.1435



89.3866, 94.7633, 107.3472



18.9529, 19.3184, 20.6946



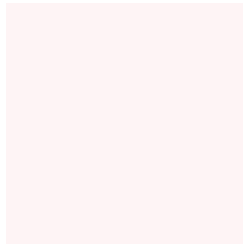
21.6668, 11.1560, 1.6297



2.1329, 1.0955, 0.2814

Previews

White Background



This preview shows how the XYZ color 89.7052, 92.3648, 99.4864 looks on a white background.

Color Contrast Check

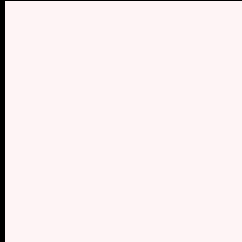
Large Text (above 18pt) WCAG AA × Fail

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 89.7052, 92.3648, 99.4864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

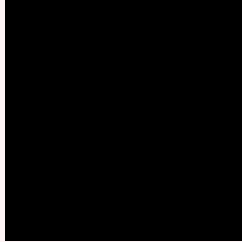
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

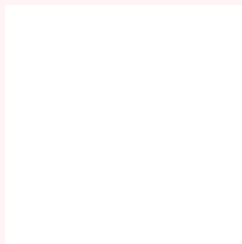
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.7052, 92.3648, 99.4864

Background



This preview shows how black text looks on a background with the XYZ color 89.7052, 92.3648, 99.4864.



This preview shows how white text looks on a background with the XYZ color 89.7052, 92.3648,

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

89.7052, 92.3648, 99.4864

Protanopia

89.0706, 92.4679, 100.3423

Deuteranopia

90.2252, 92.6152, 100.3099



Tritanopia

90.5456, 92.6168, 107.7123

Trichromacy



Original Color

89.7052, 92.3648, 99.4864

Protanomaly

89.4318, 92.6541, 100.3592

Deuteranomaly

90.2252, 92.6152, 100.3099

Tritanomaly

90.2713, 92.5490, 104.3727

Monochromacy



Original Color

89.7052, 92.3648, 99.4864

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

89.0147, 92.8893, 100.4266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7052, 92.3648, 99.4864 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(254, 244, 245) looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 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(254, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 245) }
```

Border

The CSS property to change the border of an element to XYZ 89.7052, 92.3648, 99.4864 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(254, 244, 245) }
```


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

```
.border{ border-color:rgb(254, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(254, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7052, 92.3648, 99.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 245) }
```

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

```
.background{ background-color: rgb(254,  
244, 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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