

Converting Colors

XYZ(89.3909, 91.6778,
103.1004)

Have a look what the booklet for
XYZ(89.3909, 91.6778, 103.1004)
contains.

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Color

**XYZ(89.4508, 91.6988,
103.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF3FA
RGB	252, 243, 250
RGB Percent	99%, 95%, 98%
CMY	0.0118, 0.0470, 0.0196
CMYK	0.00, 0.04, 0.01, 0.01
HSL	313°, 60%, 97%
HSV	313°, 4%, 99%
XYZ	89.4508, 91.6988, 103.4275
YIQ	246.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

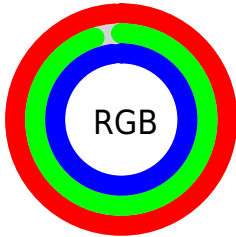
Format	Color
R _Y B	252, 243, 250
Decimal	16577530
CIE Lab	96.70, 4.22, -2.30
CIE LCh	97, 4.809, 331.466
Yxy	91.6988, 0.3143, 0.3222
Android (android.graphics.Color)	4294767610 (0xFFFCF3FA)
YUV	246.4890, 1.7309, 4.8331
Hunter-Lab	95.7595, -0.8388, 2.9940

Details

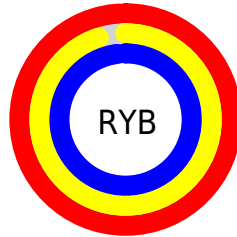
The XYZ color 89.4508, 91.6988, 103.4275 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2575, 95.2705, 100.1284, and the grayscale version is 87.9802, 92.5621, 100.8001.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0136, 51.0378, 58.2542 is the 20% darker color. If you saturate the color by 10%, you get 81.5563, 77.2938, 96.5265, and if you desaturate by 10%, it is 93.9555, 99.4357, 108.8488.

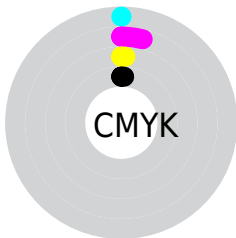
Distribution



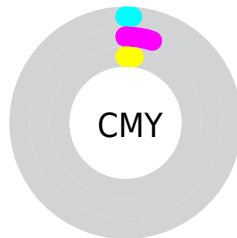
- Red (99%)
- Green (95%)
- Blue (98%)



- Red (99%)
- Yellow (95%)
- Blue (98%)



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





- Cyan (1%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4508, 91.6988, 103.4275 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 89.4508, 91.6988, 103.4275 by changing the saturation by 10% instead.


 89.4508, 91.6988,
103.4275

 89.4508, 91.6988,
103.4275


514.5073,
533.5416, 592.4668

 67.8600, 69.3905,
78.5333


145.4575,
149.6959, 167.9522

 50.0571, 51.0298,
57.9931


180.6042,
186.1534, 208.4199

 35.6768, 36.2323,
41.3884


221.0001,
228.0962, 254.9157

 24.3536, 24.6137,
28.3007

267.0108,
275.9085, 307.8582

 15.7223, 15.7895,
18.3115

319.0015,
329.9748, 367.6661

 9.4175, 9.3753,
11.0021

377.3375,

 5.0737, 4.9868,

390.6795, 434.7578

5.9541

442.3843,
458.4070, 509.5518

■ 2.3258, 2.2395,
2.7488

■ 0.8078, 0.7414,
0.9679

■ 89.4508, 91.6988,
103.4275

■ 89.4508, 91.6988,
103.4275

■ 81.5563, 77.2938,
96.5265

■ 93.9555, 99.4357,
108.8488

■ 74.6782, 64.8815,
90.0909

■ 68.7742, 54.3763,
84.1066

■ 63.7959, 45.6816,
78.5562

■ 59.6905, 38.6928,
73.4211

■ 56.4003, 33.2941,
68.6809

■ 53.8598, 29.3555,
64.3125

■ 51.9936, 26.7262,
60.2896

■ 50.7097, 25.2228,
56.5804

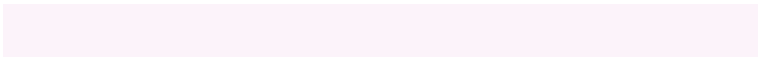
Harmonies

Analogous

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



88.5151, 91.6988, 106.3018



89.4508, 91.6988, 103.4275



89.7702, 91.6988, 99.6549

Triad

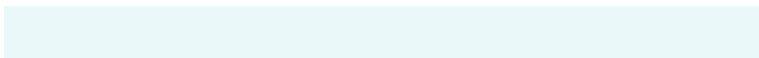
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4508, 91.6988, 103.4275



87.0908, 91.6988, 92.6156



84.9678, 91.6988, 103.7641

Complementary

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



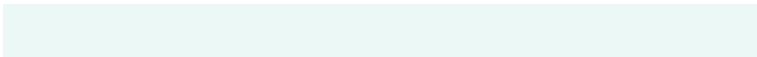
89.4508, 91.6988, 103.4275



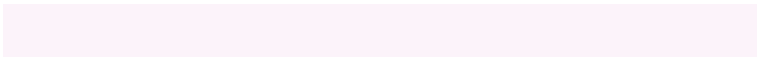
88.2575, 95.2705, 100.1284

Split Complementary

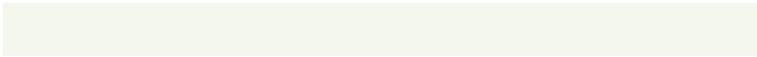
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5949, 91.6988, 100.0342



89.4508, 91.6988, 103.4275



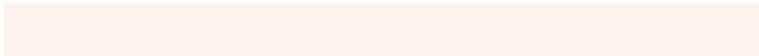
85.8128, 91.6988, 93.6540

Square

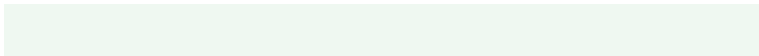
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



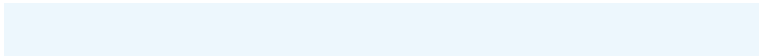
89.4508, 91.6988, 103.4275



88.3993, 91.6988, 93.4724



84.9027, 91.6988, 96.3450



85.9264, 91.6988, 106.4996

Rectangle

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



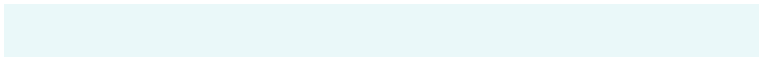
89.4508, 91.6988, 103.4275



89.5881, 91.6988, 97.1561



84.9027, 91.6988, 96.3450



84.7702, 91.6988, 102.5818

Sweetspot

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



89.4534, 91.7028, 103.4295



94.1507, 98.3473, 108.1506



87.2638, 90.5376, 104.9730



20.1616, 21.0678, 23.1566



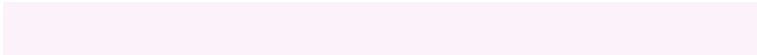
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

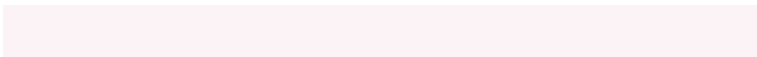
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4534, 91.7028, 103.4295



91.5189, 93.5187, 105.9324



88.7641, 91.4270, 99.7997



18.6220, 18.9233, 21.5946



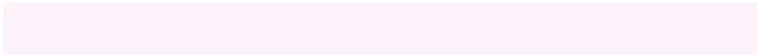
26.1585, 12.8791, 28.6067



2.4619, 1.2085, 2.8560

Inverse Universe

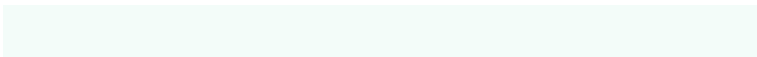
The Inverse Universe completely reimagines the original color for something new.



89.4534, 91.7028, 103.4295



91.5189, 93.5187, 105.9324



88.9447, 95.5454, 103.7475



18.6220, 18.9233, 21.5946



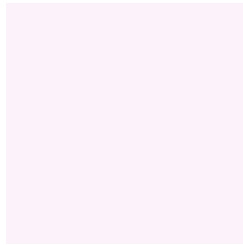
26.1585, 12.8791, 28.6067



2.4619, 1.2085, 2.8560

Previews

White Background



This preview shows how the XYZ color 89.4508, 91.6988, 103.4275 looks on a white background.

Color Contrast Check

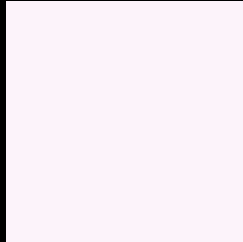
Large Text (above 18pt) WCAG AA × Fail

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 89.4508, 91.6988, 103.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

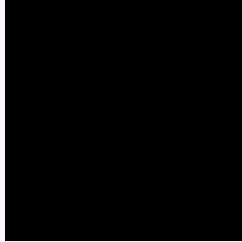
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.4508, 91.6988, 103.4275

Background



This preview shows how black text looks on a background with the XYZ color 89.4508, 91.6988, 103.4275.



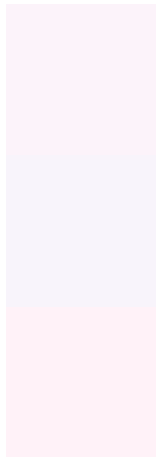
This preview shows how white text looks on a background with the XYZ color 89.4508, 91.6988,

103.4275.

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

89.4508, 91.6988, 103.4275

Protanopia

88.4747, 91.6229, 104.2887

Deuteranopia

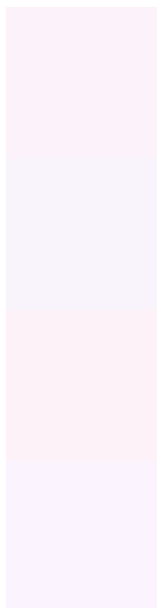
89.9354, 91.5416, 101.7361



Tritanopia

89.8843, 91.8304, 107.5954

Trichromacy



Original Color

89.4508, 91.6988, 103.4275

Protanomaly

88.8302, 91.8061, 104.3053

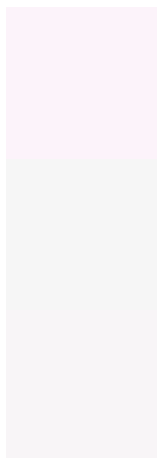
Deuteranomaly

89.7241, 91.4146, 102.5384

Tritanomaly

89.5639, 91.7023, 105.9083

Monochromacy



Original Color

89.4508, 91.6988, 103.4275

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1523, 91.9767, 101.1028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4508, 91.6988, 103.4275 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, 243, 250) looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 250)  
}
```

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, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.4508, 91.6988, 103.4275 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, 243, 250) }
```


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

```
.border{ border-color:rgb(252, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4508, 91.6988, 103.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 250) }
```

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

```
.background{ background-color: rgb(252,  
243, 250) }
```

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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