

Converting Colors

XYZ(89.1987, 93.0799,
103.1593)

Have a look what the booklet for
XYZ(89.1987, 93.0799, 103.1593)
contains.

XYZ(89.1216, 92.8908, 102.8550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(89.1216, 92.8908,
102.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F9
RGB	249, 246, 249
RGB Percent	98%, 96%, 98%
CMY	0.0235, 0.0353, 0.0235
CMYK	0.00, 0.01, 0.00, 0.02
HSL	300°, 20%, 97%
HSV	300°, 1%, 98%
XYZ	89.1216, 92.8908, 102.8550
YIQ	247.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

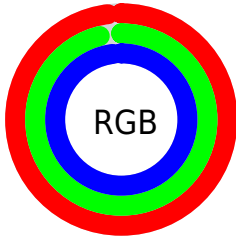
Format	Color
R _Y B	249, 246, 249
Decimal	16381689
CIE Lab	97.18, 1.53, -1.10
CIE LCh	97, 1.879, 324.349
Yxy	92.8908, 0.3129, 0.3261
Android (android.graphics.Color)	4294571769 (0xFF9F6F9)
YUV	247.2390, 0.8682, 1.5444
Hunter-Lab	96.3799, -3.6074, 4.1926

Details

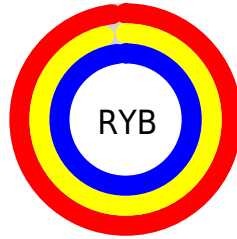
The XYZ color 89.1216, 92.8908, 102.8550 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5198, 94.0005, 100.6720, and the grayscale version is 88.5975, 93.2115, 101.5073.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0314, 52.0146, 57.8550 is the 20% darker color. If you saturate the color by 10%, you get 82.0509, 78.7483, 100.4983, and if you desaturate by 10%, it is 91.9269, 98.4998, 103.7922.

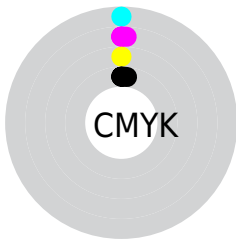
Distribution



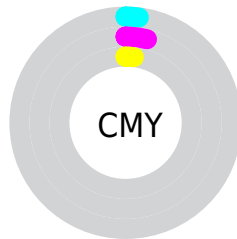
- Red (98%)
- Green (96%)
- Blue (98%)



- Red (98%)
- Yellow (96%)
- Blue (98%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1216, 92.8908, 102.8550 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 89.1216, 92.8908, 102.8550 by changing the saturation by 10% instead.

89.1216, 92.8908,
102.8550

89.1216, 92.8908,
102.8550

513.4499,
537.3903, 590.6325

67.5862, 70.3807,
78.0569

145.0022,
151.3474, 167.1611

49.8336, 51.8370,
57.6040

180.0781,
188.0628, 207.5061

35.4985, 36.8752,
41.0778

220.3983,
230.2820, 253.8706

24.2154, 25.1108,
28.0597

266.3280,
278.3895, 306.6729

15.6191, 16.1597,
18.1312

318.2327,
332.7697, 366.3318

9.3442, 9.6372,
10.8738

376.4777,

5.0252, 5.1591,

393.8070, 433.2656

5.8690

441.4283,
461.8857, 507.8930

■ 2.2970, 2.3409,
2.6981

■ 0.7931, 0.7952,
0.9425

■ 89.1216, 92.8908,
102.8550

■ 89.1216, 92.8908,
102.8550

■ 82.0509, 78.7483,
100.4983

■ 91.9269, 98.4998,
103.7922

■ 75.9526, 66.5522,
98.4645

■ 91.9271, 98.4999,
103.7933

■ 70.7868, 56.2208,
96.7416

■ 91.9273, 98.5000,
103.7943

■ 66.5074, 47.6623,
95.3142

■ 91.9275, 98.5000,
103.7953

63.0646, 40.7771,
94.1656

91.9277, 98.5001,
103.7964

60.4038, 35.4558,
93.2777

91.9279, 98.5002,
103.7974

58.4636, 31.5758,
92.6300

91.9281, 98.5003,
103.7984

57.1738, 28.9965,
92.1991

91.9283, 98.5004,
103.7995

56.4500, 27.5492,
91.9569

91.9285, 98.5004,
103.8005

Harmonies

Analogous

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



88.7113, 92.8908, 103.8279



89.1216, 92.8908, 102.8550



89.3092, 92.8908, 101.4303

Triad

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



89.1216, 92.8908, 102.8550



88.3904, 92.8908, 98.2622



87.3636, 92.8908, 102.3518

Complementary

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



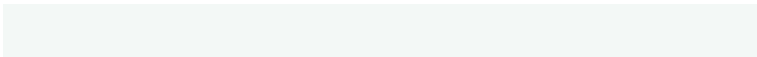
89.1216, 92.8908, 102.8550



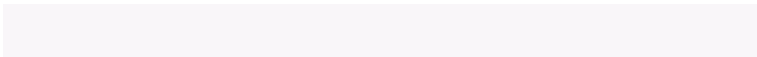
88.5198, 94.0005, 100.6720

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.



87.2785, 92.8908, 100.8548



89.1216, 92.8908, 102.8550



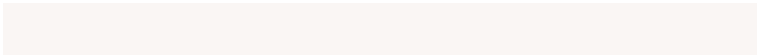
87.8699, 92.8908, 98.5034

Square

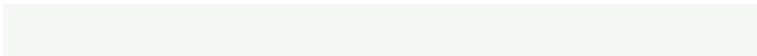
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1216, 92.8908, 102.8550



88.8859, 92.8908, 98.7864



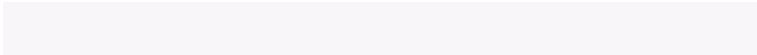
87.4634, 92.8908, 99.4487



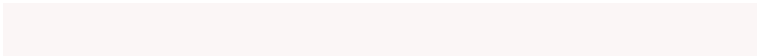
87.6966, 92.8908, 103.5354

Rectangle

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



89.1216, 92.8908, 102.8550



89.2821, 92.8908, 100.4198



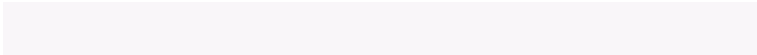
87.4634, 92.8908, 99.4487



87.3051, 92.8908, 101.8682

Sweetspot

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



89.1242, 92.8948, 102.8570

95.0500, 100.0000, 108.9000



88.0648, 92.3486, 102.8076



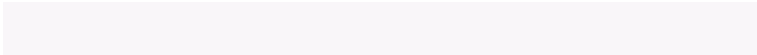
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

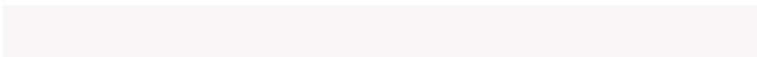
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1242, 92.8948, 102.8570



94.2419, 98.3838, 108.6305



88.8915, 92.8017, 101.6313



19.3188, 20.1759, 22.2614



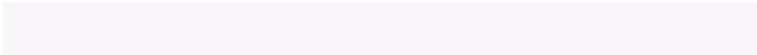
30.0636, 14.4412, 49.1710



2.7844, 1.3375, 4.5541

Inverse Universe

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



89.1242, 92.8948, 102.8570



94.2419, 98.3838, 108.6305



88.7507, 94.0929, 101.8879



19.3188, 20.1759, 22.2614



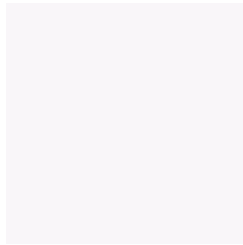
30.0636, 14.4412, 49.1710



2.7844, 1.3375, 4.5541

Previews

White Background



This preview shows how the XYZ color 89.1216, 92.8908, 102.8550 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 89.1216, 92.8908, 102.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

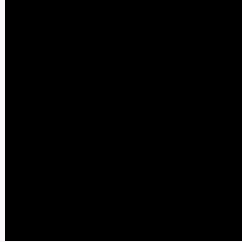
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

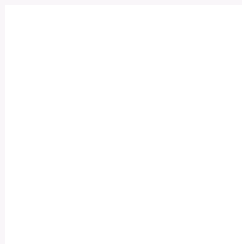
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1216, 92.8908, 102.8550

Background



This preview shows how black text looks on a background with the XYZ color 89.1216, 92.8908, 102.8550.



This preview shows how white text looks on a background with the XYZ color 89.1216, 92.8908,

102.8550.

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

89.1216, 92.8908, 102.8550

Protanopia

89.4790, 93.0751, 102.8718

Deuteranopia

90.5340, 92.7387, 101.9356

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

89.1216, 92.8908, 102.8550

Protanomaly

89.4790, 93.0751, 102.8718

Deuteranomaly

90.1037, 92.9648, 102.0020

Tritanomaly

89.4490, 92.5364, 106.0754

Monochromacy



Original Color

89.1216, 92.8908, 102.8550

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.9154, 93.2553, 102.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1216, 92.8908, 102.8550 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(249, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 249)  
}
```

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(249, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 89.1216, 92.8908, 102.8550 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(249, 246, 249) }
```

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

```
.border{ border-color:rgb(249, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 89.1216, 92.8908, 102.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 249) }
```

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

```
.background{ background-color: rgb(249,  
246, 249) }
```

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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