

Converting Colors

XYZ(89.2985, 91.7979,
103.6619)

Have a look what the booklet for
XYZ(89.2985, 91.7979, 103.6619)
contains.

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Color

**XYZ(89.0896, 91.5125,
103.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF3FA
RGB	251, 243, 250
RGB Percent	98%, 95%, 98%
CMY	0.0157, 0.0470, 0.0196
CMYK	0.00, 0.03, 0.00, 0.02
HSL	308°, 50%, 97%
HSV	308°, 3%, 98%
XYZ	89.0896, 91.5125, 103.4106
YIQ	246.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

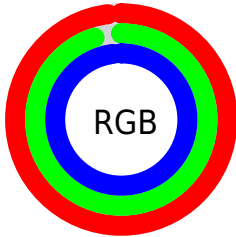
Format	Color
R _Y B	251, 243, 250
Decimal	16511994
CIE Lab	96.62, 3.89, -2.42
CIE LCh	97, 4.583, 328.158
Yxy	91.5125, 0.3137, 0.3222
Android (android.graphics.Color)	4294702074 (0xFFFBF3FA)
YUV	246.1900, 1.8783, 4.2184
Hunter-Lab	95.6622, -1.1728, 2.8712

Details

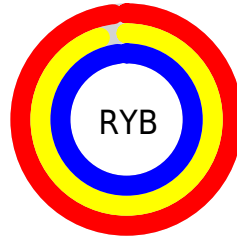
The XYZ color 89.0896, 91.5125, 103.4106 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7919, 94.5832, 99.2220, and the grayscale version is 87.7372, 92.3064, 100.5216.

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 81.5984, 77.3103, 98.5057, and if you desaturate by 10%, it is 93.2965, 99.1304, 107.2634.

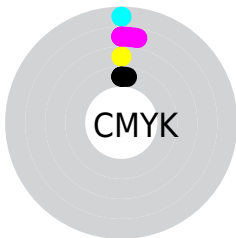
Distribution



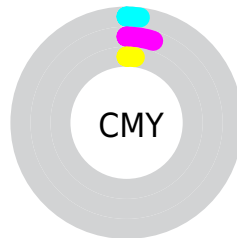
- Red (98%)
- Green (95%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0896, 91.5125, 103.4106 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 89.0896, 91.5125, 103.4106 by changing the saturation by 10% instead.

89.0896, 91.5125,
103.4106

89.0896, 91.5125,
103.4106

513.3470,
532.9388, 592.4127

67.5596, 69.2358,
78.5192

144.9579,
149.4376, 167.9289

49.8119, 50.9038,
57.9816

180.0270,
185.8547, 208.3929

35.4811, 36.1320,
41.3793

220.3398,
227.7541, 254.8848

24.2020, 24.5362,
28.2936

266.2616,
275.5201, 307.8233

15.6091, 15.7318,
18.3061

318.1579,
329.5372, 367.6267

9.3370, 9.3346,
10.9983

376.3940,

5.0205, 4.9601,

390.1898, 434.7138

5.9515

441.3353,
457.8621, 509.5029

■ 2.2942, 2.2238,
2.7473

■ 0.7917, 0.7329,
0.9671

■ 89.0896, 91.5125,
103.4106

■ 89.0896, 91.5125,
103.4106

■ 81.5984, 77.3103,
98.5057

■ 93.2965, 99.1304,
107.2634

■ 75.0983, 65.0783,
93.9702

■ 93.5943, 99.2496,
108.8319

■ 69.5475, 54.7321,
89.7913

■ 64.8984, 46.1765,
85.9528

■ 61.0995, 39.3081,
82.4373

■ 58.0935, 34.0129,
79.2256

■ 55.8165, 30.1629,
76.2962

■ 54.1943, 27.6099,
73.6241

■ 53.1369, 26.1739,
71.1791

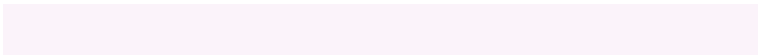
Harmonies

Analogous

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



88.1477, 91.5125, 105.9926



89.0896, 91.5125, 103.4106



89.4656, 91.5125, 99.8686

Triad

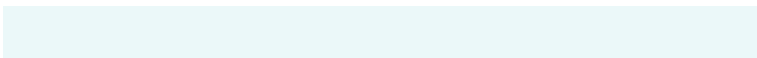
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0896, 91.5125, 103.4106



87.0591, 91.5125, 92.7545



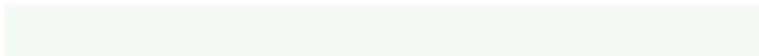
84.8258, 91.5125, 103.0084

Complementary

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



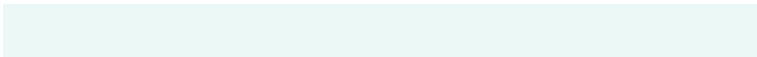
89.0896, 91.5125, 103.4106



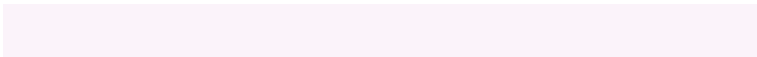
87.7919, 94.5832, 99.2220

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.



84.5407, 91.5125, 99.4149



89.0896, 91.5125, 103.4106



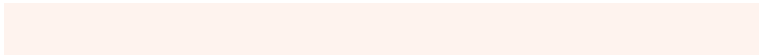
85.8225, 91.5125, 93.5494

Square

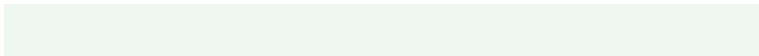
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



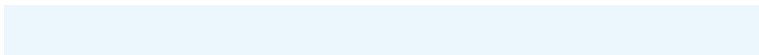
89.0896, 91.5125, 103.4106



88.2862, 91.5125, 93.7671



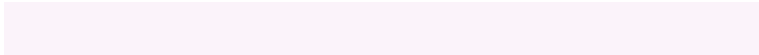
84.9037, 91.5125, 95.9652



85.6866, 91.5125, 105.7564

Rectangle

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



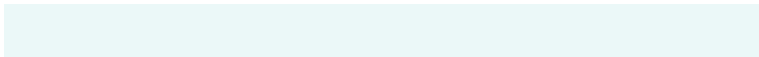
89.0896, 91.5125, 103.4106



89.3419, 91.5125, 97.4589



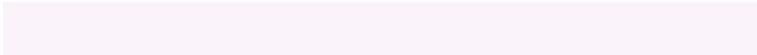
84.9037, 91.5125, 95.9652



84.6598, 91.5125, 101.8566

Sweetspot

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



89.0922, 91.5164, 103.4126



94.1906, 98.3633, 108.3604



86.7521, 90.2919, 104.1240



20.1697, 21.0710, 23.1993



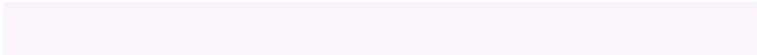
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

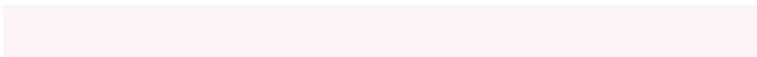
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0922, 91.5164, 103.4126



91.6772, 93.5820, 106.7657



88.4821, 91.2724, 100.1997



18.6604, 18.9387, 21.7967



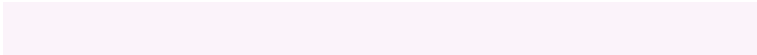
27.7122, 13.5006, 36.7885



2.5920, 1.2605, 3.5409

Inverse Universe

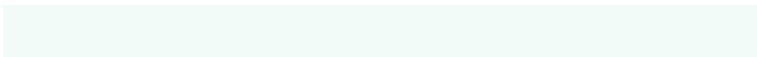
The Inverse Universe completely reimagines the original color for something new.



89.0922, 91.5164, 103.4126



91.6772, 93.5820, 106.7657



88.3953, 94.8246, 102.3995



18.6604, 18.9387, 21.7967



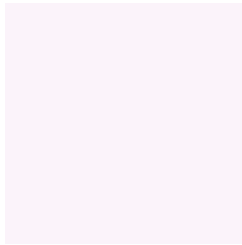
27.7122, 13.5006, 36.7885



2.5920, 1.2605, 3.5409

Previews

White Background



This preview shows how the XYZ color 89.0896, 91.5125, 103.4106 looks on a white background.

Color Contrast Check

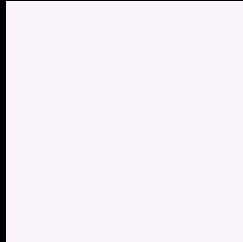
Large Text (above 18pt) WCAG AA × Fail

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 89.0896, 91.5125, 103.4106 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

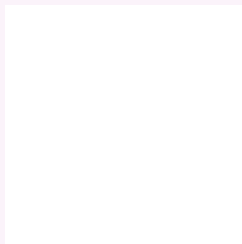
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.0896, 91.5125, 103.4106

Background



This preview shows how black text looks on a background with the XYZ color 89.0896, 91.5125, 103.4106.

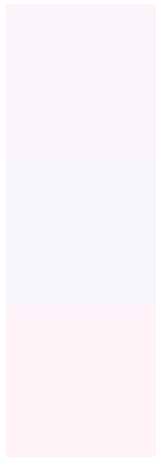


This preview shows how white text looks on a background with the XYZ color 89.0896, 91.5125,

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

89.0896, 91.5125, 103.4106

Protanopia

88.4747, 91.6229, 104.2887

Deuteranopia

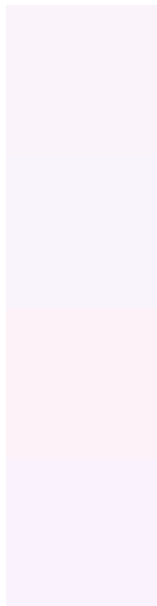
89.9354, 91.5416, 101.7361



Tritanopia

89.5249, 91.6452, 107.5786

Trichromacy



Original Color

89.0896, 91.5125, 103.4106

Protanomaly

88.8302, 91.8061, 104.3053

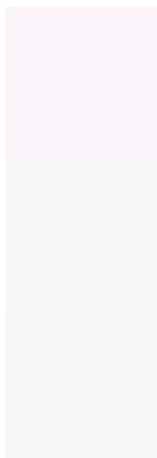
Deuteranomaly

89.7241, 91.4146, 102.5384

Tritanomaly

89.2046, 91.5170, 105.8915

Monochromacy



Original Color

89.0896, 91.5125, 103.4106

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 89.0896, 91.5125, 103.4106 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(251, 243, 250) looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.0896, 91.5125, 103.4106 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(251, 243, 250) }
```


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

```
.border{ border-color:rgb(251, 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(251, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0896, 91.5125, 103.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 250) }
```

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

```
.background{ background-color: rgb(251,  
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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