

Converting Colors

XYZ(89.7827, 94.1267,
104.0027)

Have a look what the booklet for
XYZ(89.7827, 94.1267, 104.0027)
contains.

XYZ(89.8896, 94.1767, 103.8827)	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(89.8896, 94.1767,
103.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F8FA
RGB	249, 248, 250
RGB Percent	98%, 97%, 98%
CMY	0.0235, 0.0274, 0.0196
CMYK	0.00, 0.01, 0.00, 0.02
HSL	270°, 17%, 98%
HSV	270°, 1%, 98%
XYZ	89.8896, 94.1767, 103.8827
YIQ	248.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

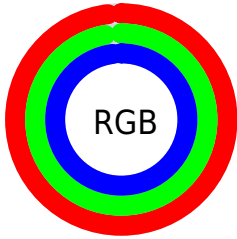
Format	Color
R_{YB}	249, 248, 250
Decimal	16382202
CIE _{Lab}	97.70, 0.69, -0.85
CIE _{LCh}	98, 1.094, 308.971
Yxy	94.1767, 0.3122, 0.3271
Android (android.graphics.Color)	4294572282 (0xFFFF9F8FA)
YUV	248.5270, 0.7262, 0.4148
Hunter-Lab	97.0447, -4.4890, 4.4635

Details

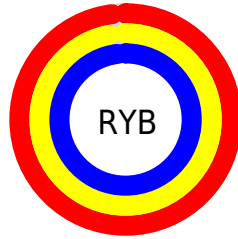
The XYZ color 89.8896, 94.1767, 103.8827 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1995, 95.2909, 102.4508, and the grayscale version is 89.6510, 94.3199, 102.7143.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.5796, 52.9318, 58.5900 is the 20% darker color. If you saturate the color by 10%, you get 78.3935, 77.5943, 101.2893, and if you desaturate by 10%, it is 94.2556, 99.6822, 104.7167.

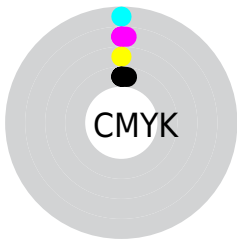
Distribution



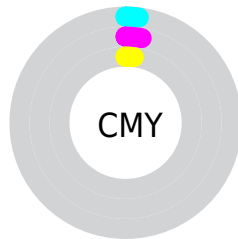
- Red (98%)
- Green (97%)
- Blue (98%)



- Red (98%)
- Yellow (97%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.8896, 94.1767, 103.8827 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 89.8896, 94.1767, 103.8827 by changing the saturation by 10% instead.

89.8896, 94.1767,
103.8827

89.8896, 94.1767,
103.8827

515.9149,
541.5259, 593.9232

68.2251, 71.4499,
78.9122

146.0642,
153.1267, 168.5810

50.3552, 52.7095,
58.3027

181.3049,
190.1187, 209.1459

35.9147, 37.5709,
41.6358

221.8017,
232.6346, 255.7459

24.5381, 25.6498,
28.4928

267.9200,
281.0587, 308.7997

15.8601, 16.5618,
18.4552

320.0251,
335.7756, 368.7258

9.5155, 9.9226,
11.1045

378.4824,

5.1387, 5.3477,

397.1694, 435.9427

6.0221

443.6572,
465.6247, 510.8690

■ 2.3645, 2.4527,
2.7895

■ 0.8273, 0.8528,
0.9882

■ 89.8896, 94.1767,
103.8827

■ 89.8896, 94.1767,
103.8827

■ 78.3935, 77.5943,
101.2893

■ 94.2556, 99.6822,
104.7167

■ 68.1730, 63.1308,
99.0362

■ 59.1818, 50.7010,
97.1109

■ 51.3676, 40.2094,
95.4977

■ 44.6738, 31.5523,
94.1795

■ 39.0390, 24.6164,
93.1377

■ 34.3946, 19.2750,
92.3515

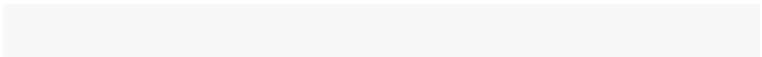
■ 30.6630, 15.3833,
91.7970

■ 27.7524, 12.7685,
91.4457

Harmonies

Analogous

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



89.6056, 94.1767, 104.2472



89.8896, 94.1767, 103.8827



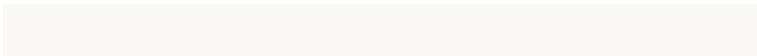
90.0727, 94.1767, 103.1596

Triad

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



89.8896, 94.1767, 103.8827



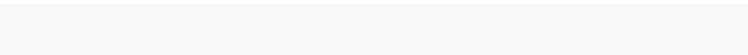
89.7274, 94.1767, 100.9486



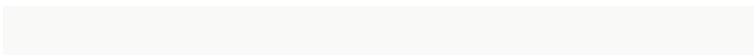
88.9214, 94.1767, 102.8103

Complementary

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



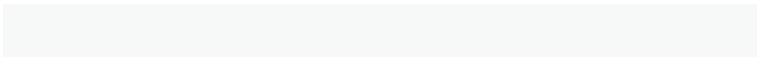
89.8896, 94.1767, 103.8827



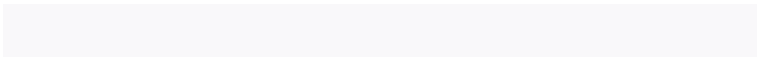
90.1995, 95.2909, 102.4508

Split Complementary

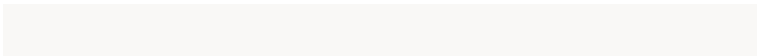
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9539, 94.1767, 101.9277



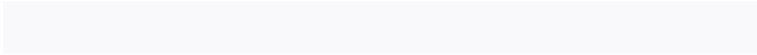
89.8896, 94.1767, 103.8827



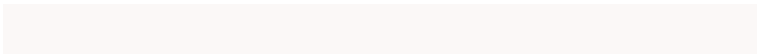
89.4187, 94.1767, 100.8563

Square

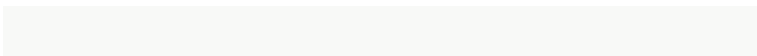
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.8896, 94.1767, 103.8827



89.9789, 94.1767, 101.4667



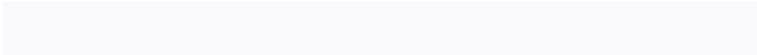
89.1357, 94.1767, 101.2137



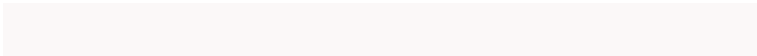
89.0470, 94.1767, 103.6257

Rectangle

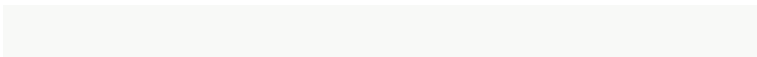
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



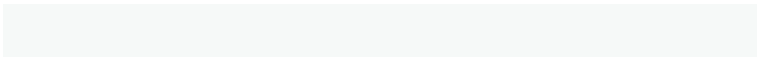
89.8896, 94.1767, 103.8827



90.1127, 94.1767, 102.5732



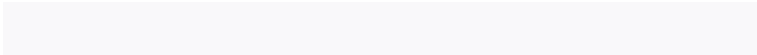
89.1357, 94.1767, 101.2137



88.9142, 94.1767, 102.5116

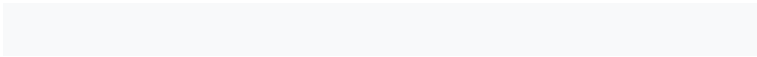
Sweetspot

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



89.8923, 94.1807, 103.8848

95.0500, 100.0000, 108.9000



89.8563, 94.6341, 103.9742



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.



89.8923, 94.1807, 103.8848



93.7732, 98.1422, 108.6087



90.2379, 94.3589, 103.9009



19.2277, 20.1290, 22.2572



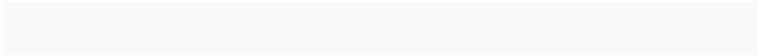
13.7813, 6.0472, 48.4144



1.3986, 0.6231, 4.4897

Inverse Universe

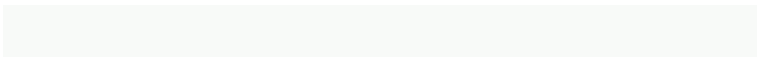
The Inverse Universe completely reimagines the original color for something new.



90.0941, 94.3028, 103.0815



94.0378, 98.3021, 107.5557



89.8557, 95.1136, 102.4347



19.2791, 20.1601, 22.0525



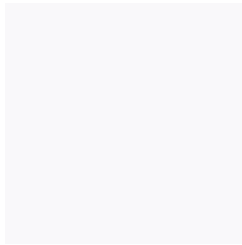
22.9584, 11.5991, 11.7552



2.1799, 1.0957, 1.3705

Previews

White Background



This preview shows how the XYZ color 89.8896, 94.1767, 103.8827 looks on a white background.

Color Contrast Check

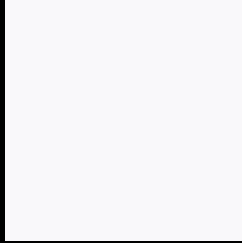
Large Text (above 18pt) WCAG AA × Fail

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 89.8896, 94.1767, 103.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

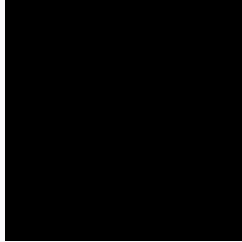
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

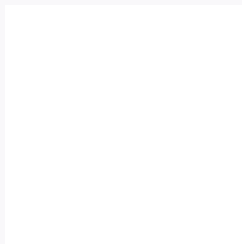
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.8896, 94.1767, 103.8827

Background



This preview shows how black text looks on a background with the XYZ color 89.8896, 94.1767, 103.8827.



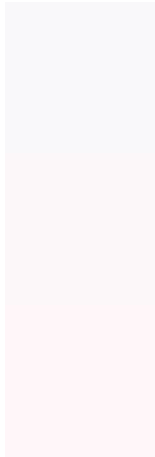
This preview shows how white text looks on a background with the XYZ color 89.8896, 94.1767,

103.8327.

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

89.8896, 94.1767, 103.8827

Protanopia

90.5045, 94.0565, 103.0072

Deuteranopia

91.2947, 94.0111, 102.9567

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy

Original Color

89.8896, 94.1767, 103.8827

Protanomaly

90.1433, 93.8703, 102.9903

Deuteranomaly

90.8677, 94.2437, 103.0242

Tritanomaly

90.4147, 93.9374, 106.2949

Monochromacy

Original Color

89.8896, 94.1767, 103.8827

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

90.0415, 94.7307, 103.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.8896, 94.1767, 103.8827 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, 248, 250) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 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(249, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.8896, 94.1767, 103.8827 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, 248, 250) }
```

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

```
.border{ border-color:rgb(249, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
250) }
```


Background

The CSS property to change the background color of an element to XYZ 89.8896, 94.1767, 103.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 250) }
```

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

```
.background{ background-color: rgb(249,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor