

Converting Colors

XYZ(89.4437, 94.6010,
101.4117)

Have a look what the booklet for
XYZ(89.4437, 94.6010, 101.4117)
contains.

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Color

**XYZ(89.3756, 94.4232,
101.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F9F7
RGB	248, 249, 247
RGB Percent	97%, 98%, 97%
CMY	0.0274, 0.0235, 0.0314
CMYK	0.00, 0.00, 0.01, 0.02
HSL	90°, 14%, 97%
HSV	90°, 1%, 98%
XYZ	89.3756, 94.4232, 101.5106
YIQ	248.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

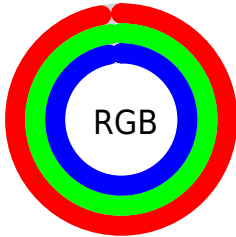
Format	Color
R _Y B	247, 249, 248
Decimal	16316919
CIE Lab	97.80, -0.68, 0.83
CIE LCh	98, 1.071, 129.161
Yxy	94.4232, 0.3133, 0.3310
Android (android.graphics.Color)	4294506999 (0xFFFF8F9F7)
YUV	248.4730, -0.7262, -0.4148
Hunter-Lab	97.1716, -5.8712, 6.0826

Details

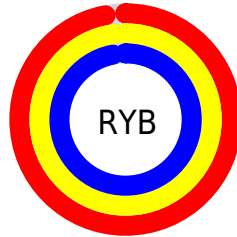
The XYZ color 89.3756, 94.4232, 101.5106 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0746, 93.3201, 102.9452, and the grayscale version is 89.6183, 94.2854, 102.6768.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2122, 53.1080, 56.8946 is the 20% darker color. If you saturate the color by 10%, you get 81.5105, 90.7861, 82.4058, and if you desaturate by 10%, it is 93.1675, 96.2350, 108.2725.

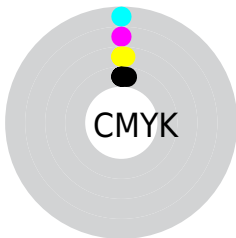
Distribution



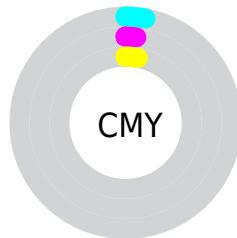
- Red (97%)
- Green (98%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3756, 94.4232, 101.5106 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 89.3756, 94.4232, 101.5106 by changing the saturation by 10% instead.

89.3756, 94.4232,
101.5106

89.3756, 94.4232,
101.5106

514.2658,
542.3168, 586.3130

67.7975, 71.6550,
76.9388

145.3535,
153.4675, 165.3015

50.0060, 52.8769,
56.6914

180.4840,
190.5124, 205.3577

35.6360, 37.7045,
40.3498

220.8627,
233.0849, 251.4124

24.3220, 25.7534,
27.4955

266.8549,
281.5696, 303.8842

15.6987, 16.6393,
17.7100

318.8259,
336.3507, 363.1916

9.4007, 9.9776,
10.5747

377.1412,

5.0626, 5.3841,

397.8126, 429.7532

5.6711

442.1660,
466.3399, 503.9875

■ 2.3192, 2.4744,
2.5806

■ 0.8045, 0.8638,
0.8824

■ 89.3756, 94.4232,
101.5106

■ 89.3756, 94.4232,
101.5106

■ 81.5105, 90.7861,
82.4058

■ 93.1675, 96.2350,
108.2725

■ 74.4251, 87.4912,
65.9088

■ 68.0944, 84.5309,
51.9081

■ 62.4895, 81.8930,
40.2818

■ 57.5788, 79.5641,
30.8975

■ 53.3285, 77.5299,
23.6101

■ 49.7010, 75.7746,
18.2573

■ 46.6541, 74.2804,
14.6530

■ 44.1381, 73.0268,
12.5744

Harmonies

Analogous

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



89.6528, 94.4232, 101.1572



89.3756, 94.4232, 101.5106



89.1980, 94.4232, 102.2129

Triad

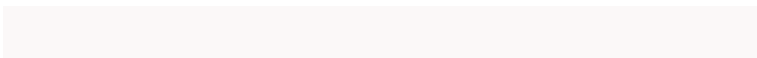
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3756, 94.4232, 101.5106



89.5374, 94.4232, 104.3927



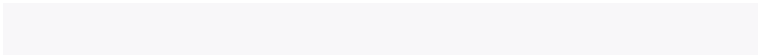
90.3282, 94.4232, 102.5429

Complementary

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



89.3756, 94.4232, 101.5106



89.0746, 93.3201, 102.9452

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.



90.2971, 94.4232, 103.4110



89.3756, 94.4232, 101.5106



89.8401, 94.4232, 104.4823

Square

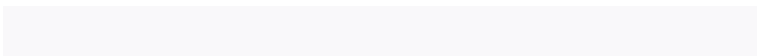
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



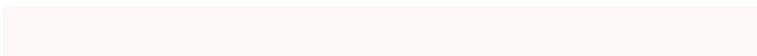
89.3756, 94.4232, 101.5106



89.2913, 94.4232, 103.8779



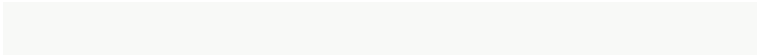
90.1183, 94.4232, 104.1221



90.2031, 94.4232, 101.7510

Rectangle

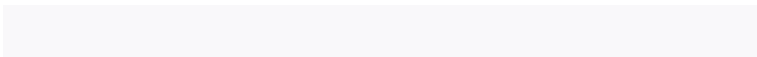
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



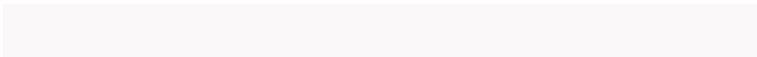
89.3756, 94.4232, 101.5106



89.1598, 94.4232, 102.7862



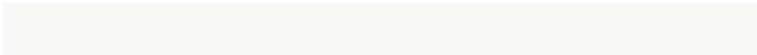
90.1183, 94.4232, 104.1221



90.3356, 94.4232, 102.8355

Sweetspot

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



89.3783, 94.4273, 101.5127

95.0500, 100.0000, 108.9000



89.4264, 93.9935, 101.4264



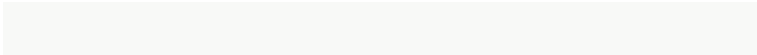
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



89.3783, 94.4273, 101.5127



94.1736, 99.5953, 106.7301



89.0247, 94.2450, 101.4961



19.3055, 20.4115, 21.8919



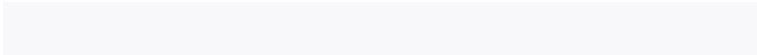
22.7649, 38.6540, 6.2611



2.2306, 3.6430, 0.5856

Inverse Universe

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



89.0746, 93.3201, 102.9452



93.7753, 98.1433, 108.6088



89.4301, 93.5033, 102.9618



19.2281, 20.1292, 22.2572



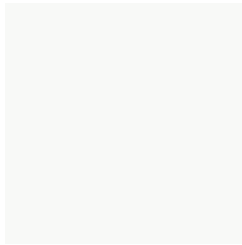
13.8252, 6.0698, 48.4165



1.4027, 0.6252, 4.4899

Previews

White Background



This preview shows how the XYZ color 89.3756, 94.4232, 101.5106 looks on a white background.

Color Contrast Check

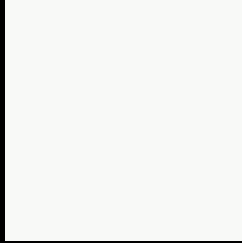
Large Text (above 18pt) WCAG AA × Fail

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 89.3756, 94.4232, 101.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

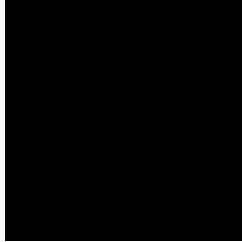
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

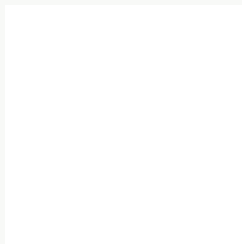
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.3756, 94.4232, 101.5106

Background



This preview shows how black text looks on a background with the XYZ color 89.3756, 94.4232, 101.5106.



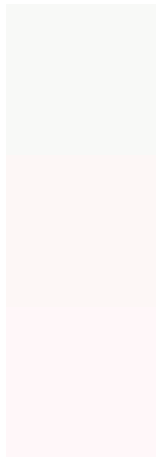
This preview shows how white text looks on a background with the XYZ color 89.3756, 94.4232,

101.5106.

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

89.3756, 94.4232, 101.5106

Protanopia

90.4033, 94.0580, 100.5790

Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy

Original Color

89.3756, 94.4232, 101.5106

Protanomaly

89.9856, 94.2979, 100.6473

Deuteranomaly

90.6556, 94.6076, 102.2900

Tritanomaly

90.2050, 94.3028, 105.5434

Monochromacy

Original Color

89.3756, 94.4232, 101.5106

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2221, 93.8686, 102.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3756, 94.4232, 101.5106 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(248, 249, 247) looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 247)  
}
```

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(248, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 247) }
```

Border

The CSS property to change the border of an element to XYZ 89.3756, 94.4232, 101.5106 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(248, 249, 247) }
```

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

```
.border{ border-color:rgb(248, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
247) }
```


Background

The CSS property to change the background color of an element to XYZ 89.3756, 94.4232, 101.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 247) }
```

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

```
.background{ background-color: rgb(248,  
249, 247) }
```

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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