

Converting Colors

XYZ(88.2194, 94.7466,
101.6310)

Have a look what the booklet for
XYZ(88.2194, 94.7466, 101.6310)
contains.

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Color

**XYZ(88.2478, 94.7644,
101.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF7
RGB	243, 251, 247
RGB Percent	95%, 98%, 97%
CMY	0.0471, 0.0157, 0.0314
CMYK	0.03, 0.00, 0.02, 0.02
HSL	150°, 50%, 97%
HSV	150°, 3%, 98%
XYZ	88.2478, 94.7644, 101.6359
YIQ	248.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

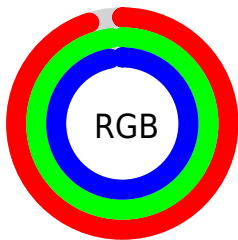
Format	Color
R_{YB}	243, 248, 251
Decimal	15989751
CIE _{Lab}	97.94, -3.34, 0.99
CIE _{LCh}	98, 3.479, 163.528
Yxy	94.7644, 0.3100, 0.3329
Android (android.graphics.Color)	4294179831 (0xFFFF3FBF7)
YUV	248.1520, -0.5679, -4.5183
Hunter-Lab	97.3470, -8.5420, 6.2407

Details

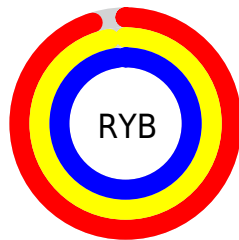
The XYZ color 88.2478, 94.7644, 101.6359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6262, 91.3282, 100.9573, and the grayscale version is 89.3562, 94.0097, 102.3766.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4126, 53.3566, 56.9847 is the 20% darker color. If you saturate the color by 10%, you get 78.2982, 89.8543, 91.3947, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

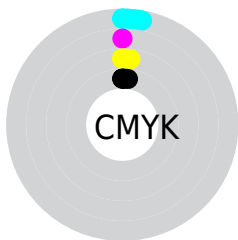
Distribution



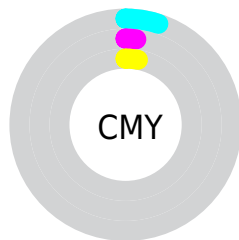
- Red (95%)
- Green (98%)
- Blue (97%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



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




- Cyan (5%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2478, 94.7644, 101.6359 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 88.2478, 94.7644, 101.6359 by changing the saturation by 10% instead.


 88.2478, 94.7644,
101.6359

 88.2478, 94.7644,
101.6359


510.6376,
543.4105, 586.7163

 66.8598, 71.9389,
77.0430

143.7929,
153.9391, 165.4749

 49.2410, 53.1088,
56.7764


178.6806,
191.0570, 205.5581

 35.0260, 37.8896,
40.4176


218.7990,
233.7079, 251.6417

 23.8495, 25.8970,
27.5480

264.5133,
282.2762, 304.1444

 15.3461, 16.7466,
17.7491

316.1890,
337.1462, 363.4847

 9.1506, 10.0540,
10.6025

374.1914,

 4.8974, 5.4348,

398.7023, 430.0811

5.6894

438.8858,
467.3289, 504.3521

■ 2.2213, 2.5046,
2.5914

■ 0.7539, 0.8789,
0.8880

■ 88.2478, 94.7644,
101.6359

■ 88.2478, 94.7644,
101.6359

■ 78.2982, 89.8543,
91.3947

■ 93.7890, 97.4780,
108.4797

■ 69.6104, 85.5772,
81.8785

■ 62.1335, 81.9098,
73.0732

■ 55.8099, 78.8229,
64.9620

■ 50.5771, 76.2844,
57.5272

■ 46.3666, 74.2595,
50.7504

■ 43.1015, 72.7087,
44.6123

■ 40.6932, 71.5869,
39.0923

■ 39.0346, 70.8391,
34.1683

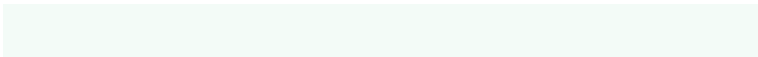
Harmonies

Analogous

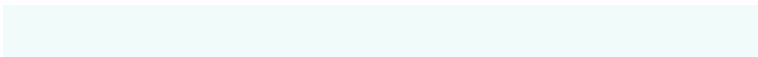
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7590, 94.7644, 99.2590



88.2478, 94.7644, 101.6359



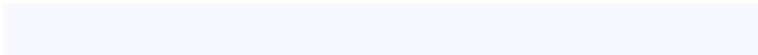
88.2227, 94.7644, 104.4698

Triad

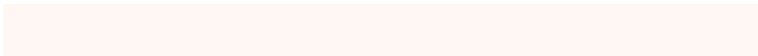
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2478, 94.7644, 101.6359



90.5192, 94.7644, 108.6038



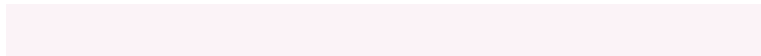
91.4655, 94.7644, 99.4532

Complementary

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



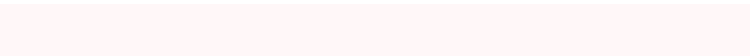
88.2478, 94.7644, 101.6359



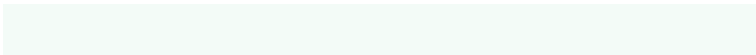
88.6262, 91.3282, 100.9573

Split Complementary

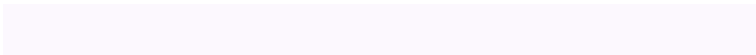
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9444, 94.7644, 101.9054



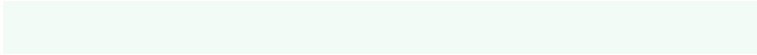
88.2478, 94.7644, 101.6359



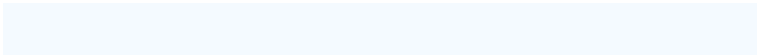
91.3953, 94.7644, 107.2077

Square

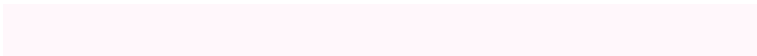
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



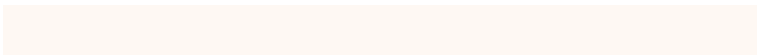
88.2478, 94.7644, 101.6359



89.5291, 94.7644, 108.5284



91.9186, 94.7644, 104.7444



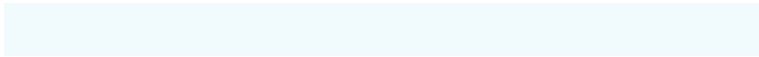
90.6145, 94.7644, 98.0147

Rectangle

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



88.2478, 94.7644, 101.6359



88.4847, 94.7644, 106.2396



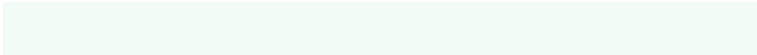
91.9186, 94.7644, 104.7444



91.6756, 94.7644, 100.1843

Sweetspot

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



88.2505, 94.7685, 101.6380



93.9133, 99.4377, 107.7783



89.0830, 95.2682, 98.4888



20.1133, 21.2897, 23.0809



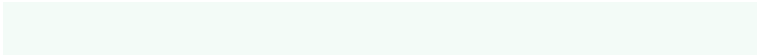
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.2505, 94.7685, 101.6380



90.5857, 97.7922, 104.4597



88.8542, 95.0099, 104.8170



18.3963, 19.9563, 21.2378



20.1672, 37.0799, 16.7557



1.9213, 3.4556, 1.8336

Inverse Universe

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



88.6262, 91.3282, 100.9573



91.0720, 93.3399, 103.5787



88.0349, 91.0917, 97.8435



18.5138, 18.8800, 21.0249



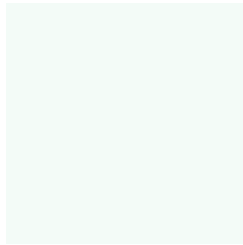
22.9501, 11.5958, 11.7115



2.1791, 1.0954, 1.3664

Previews

White Background



This preview shows how the XYZ color 88.2478, 94.7644, 101.6359 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 88.2478, 94.7644, 101.6359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

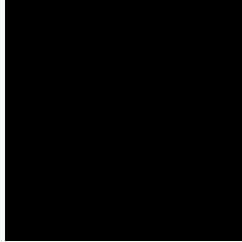
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

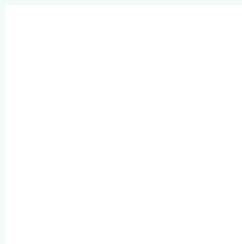
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2478, 94.7644, 101.6359

Background



This preview shows how black text looks on a background with the XYZ color 88.2478, 94.7644, 101.6359.



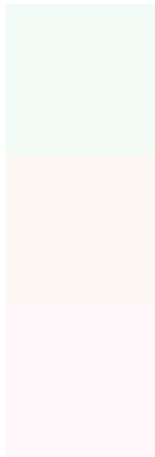
This preview shows how white text looks on a background with the XYZ color 88.2478, 94.7644,

101.6359.

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

88.2478, 94.7644, 101.6359

Protanopia

90.9219, 94.7982, 99.8920

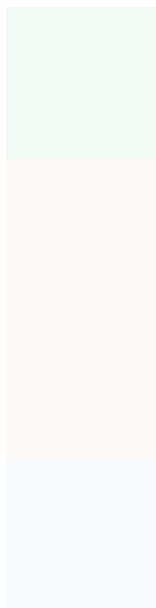
Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.2478, 94.7644, 101.6359

Protanomaly

89.9346, 94.7292, 100.7333

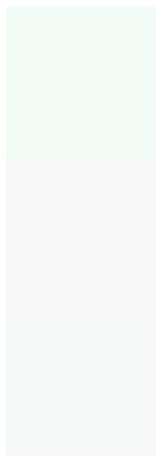
Deuteranomaly

90.2943, 94.4213, 102.2731

Tritanomaly

89.7623, 94.9923, 105.6998

Monochromacy



Original Color

88.2478, 94.7644, 101.6359

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8250, 94.1215, 102.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2478, 94.7644, 101.6359 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(243, 251, 247) looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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(243, 251, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.2478, 94.7644, 101.6359 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(243, 251, 247) }
```


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

```
.border{ border-color:rgb(243, 251, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2478, 94.7644, 101.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 247) }
```

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

```
.background{ background-color: rgb(243,  
251, 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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