

Converting Colors

XYZ(88.4923, 94.3168,
101.5591)

Have a look what the booklet for
XYZ(88.4923, 94.3168, 101.5591)
contains.

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Color

**XYZ(88.6303, 94.4991,
101.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FAF7
RGB	245, 250, 247
RGB Percent	96%, 98%, 97%
CMY	0.0392, 0.0196, 0.0314
CMYK	0.02, 0.00, 0.01, 0.02
HSL	144°, 33%, 97%
HSV	144°, 2%, 98%
XYZ	88.6303, 94.4991, 101.5645
YIQ	248.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

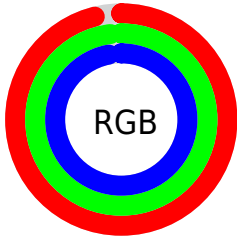
Format	Color
R _Y B	245, 249, 250
Decimal	16120567
CIE Lab	97.83, -2.17, 0.85
CIE LCh	98, 2.333, 158.671
Yxy	94.4991, 0.3113, 0.3319
Android (android.graphics.Color)	4294310647 (0xFF5FAF7)
YUV	248.1630, -0.5734, -2.7740
Hunter-Lab	97.2106, -7.3740, 6.1020

Details

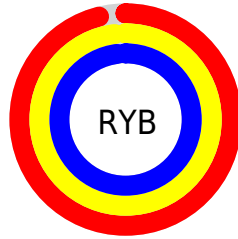
The XYZ color 88.6303, 94.4991, 101.5645 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0235, 92.4086, 101.9563, and the grayscale version is 89.3645, 94.0184, 102.3860.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6820, 53.1640, 56.9334 is the 20% darker color. If you saturate the color by 10%, you get 78.2675, 89.4165, 89.4729, and if you desaturate by 10%, it is 93.4774, 96.8549, 108.3758.

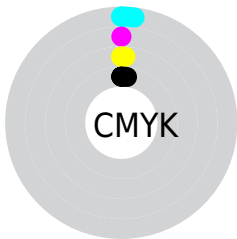
Distribution



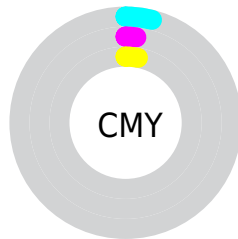
- Red (96%)
- Green (98%)
- Blue (97%)



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



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



- Cyan (4%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6303, 94.4991, 101.5645 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 88.6303, 94.4991, 101.5645 by changing the saturation by 10% instead.

88.6303, 94.4991,
101.5645

88.6303, 94.4991,
101.5645

511.8697,
542.5602, 586.4865

67.1777, 71.7181,
76.9836

144.3224,
153.5724, 165.3761

49.5003, 52.9285,
56.7279

179.2926,
190.6336, 205.4439

35.2327, 37.7457,
40.3790

219.4994,
233.2236, 251.5110

24.0095, 25.7854,
27.5181

265.3082,
281.7268, 303.9961

15.4655, 16.6631,
17.7268

317.0842,
336.5277, 363.3177

9.2351, 9.9946,
10.5866

375.1929,

4.9532, 5.3954,

398.0106, 429.8942

5.6790

439.9996,
466.5600, 504.1443

■ 2.2543, 2.4811,
2.5853

■ 0.7711, 0.8671,
0.8848

■ 88.6303, 94.4991,
101.5645

■ 88.6303, 94.4991,
101.5645

■ 78.2675, 89.4165,
89.4729

■ 93.4774, 96.8549,
108.3758

■ 69.2157, 84.9860,
78.3912

■ 61.4229, 81.1841,
68.2953

■ 54.8306, 77.9810,
59.1577

■ 49.3755, 75.3448,
50.9500

■ 44.9882, 73.2403,
43.6421

■ 41.5912, 71.6281,
37.2022

■ 39.0960, 70.4633,
31.5964

■ 37.3964, 69.6918,
26.7885

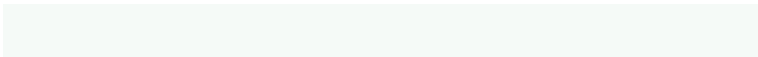
Harmonies

Analogous

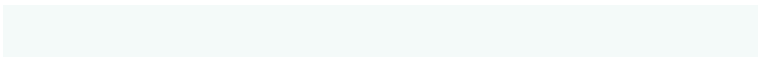
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0203, 94.4991, 100.0550



88.6303, 94.4991, 101.5645



88.5578, 94.4991, 103.4476

Triad

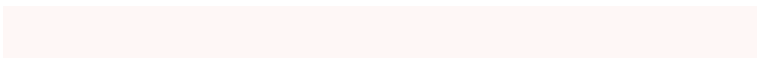
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6303, 94.4991, 101.5645



90.0119, 94.4991, 106.5639



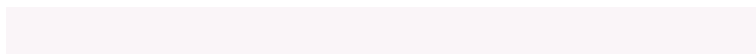
90.8227, 94.4991, 100.6176

Complementary

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



88.6303, 94.4991, 101.5645



89.0235, 92.4086, 101.9563

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.



91.0912, 94.4991, 102.3412



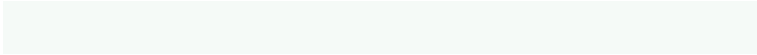
88.6303, 94.4991, 101.5645



90.6216, 94.4991, 105.7851

Square

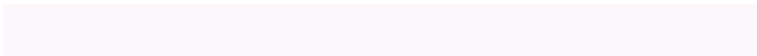
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



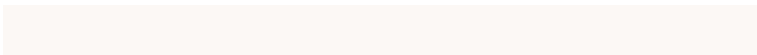
88.6303, 94.4991, 101.5645



89.3533, 94.4991, 106.3497



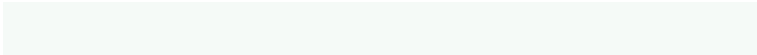
91.0174, 94.4991, 104.2340



90.2854, 94.4991, 99.5130

Rectangle

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



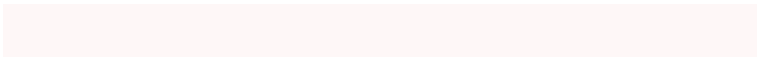
88.6303, 94.4991, 101.5645



88.6990, 94.4991, 104.6641



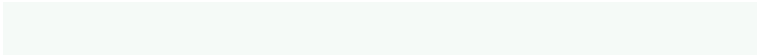
91.0174, 94.4991, 104.2340



90.9475, 94.4991, 101.1429

Sweetspot

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



88.6330, 94.5031, 101.5666



93.8725, 99.4214, 107.5635



89.4116, 94.9400, 100.0003



20.1050, 21.2864, 23.0371



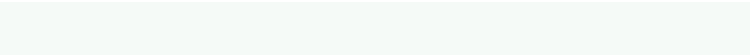
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

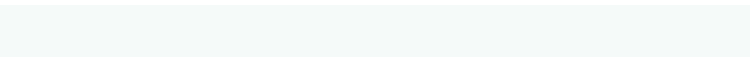
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6330, 94.5031, 101.5666



92.7094, 98.8499, 106.2379



89.0090, 94.6536, 103.5467



19.0207, 20.2665, 21.7962



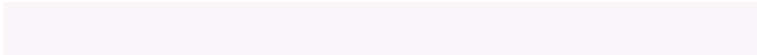
19.4175, 36.7800, 12.8079



1.8491, 3.4268, 1.4534

Inverse Universe

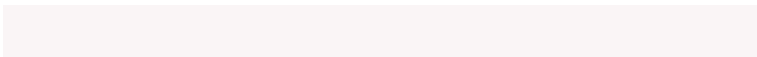
The Inverse Universe completely reimagines the original color for something new.



89.0235, 92.4086, 101.9563



93.1181, 96.6585, 106.6456



88.6503, 92.2593, 99.9910



19.1002, 19.8403, 21.8755



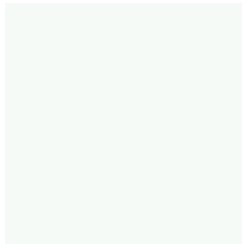
23.9084, 11.9791, 16.7579



2.2667, 1.1304, 1.8276

Previews

White Background



This preview shows how the XYZ color 88.6303, 94.4991, 101.5645 looks on a white background.

Color Contrast Check

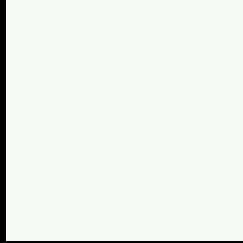
Large Text (above 18pt) WCAG AA × Fail

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 88.6303, 94.4991, 101.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

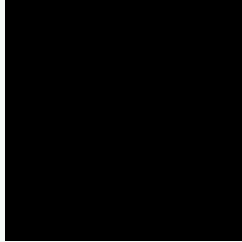
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

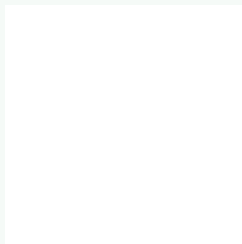
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6303, 94.4991, 101.5645

Background



This preview shows how black text looks on a background with the XYZ color 88.6303, 94.4991, 101.5645.



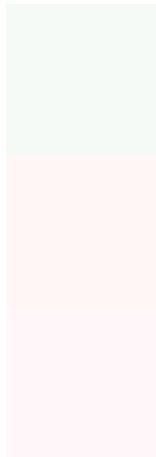
This preview shows how white text looks on a background with the XYZ color 88.6303, 94.4991,

101.545.

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

88.6303, 94.4991, 101.5645

Protanopia

90.7684, 94.2462, 100.5961

Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

88.6303, 94.4991, 101.5645

Protanomaly

89.9856, 94.2979, 100.6473

Deuteranomaly

90.2943, 94.4213, 102.2731

Tritanomaly

89.8041, 94.5538, 105.6130

Monochromacy



Original Color

88.6303, 94.4991, 101.5645

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.1767, 94.3028, 102.3091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6303, 94.4991, 101.5645 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(245, 250, 247) looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 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(245, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.6303, 94.4991, 101.5645 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(245, 250, 247) }
```


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

```
.border{ border-color:rgb(245, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6303, 94.4991, 101.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 247) }
```

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

```
.background{ background-color: rgb(245,  
250, 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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