

Converting Colors

XYZ(87.5960, 94.5084, 98.3051)

Have a look what the booklet for
XYZ(87.5960, 94.5084, 98.3051)
contains.

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Color

**XYZ(87.6370, 94.5201,
98.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF3
RGB	243, 251, 243
RGB Percent	95%, 98%, 95%
CMY	0.0471, 0.0157, 0.0471
CMYK	0.03, 0.00, 0.03, 0.02
HSL	120°, 50%, 97%
HSV	120°, 3%, 98%
XYZ	87.6370, 94.5201, 98.4193
YIQ	247.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

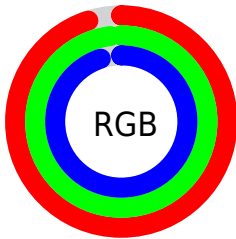
Format	Color
R_{YB}	243, 251, 251
Decimal	15989747
CIE Lab	97.84, -4.04, 2.90
CIE LCh	98, 4.975, 144.324
Yxy	94.5201, 0.3123, 0.3369
Android (android.graphics.Color)	4294179827 (0xFF3FBF3)
YUV	247.6960, -2.3151, -4.1184
Hunter-Lab	97.2214, -9.2347, 8.0345

Details

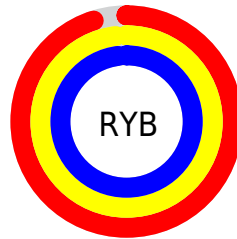
The XYZ color 87.6370, 94.5201, 98.4193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2503, 91.5779, 104.2437, and the grayscale version is 88.9968, 93.6316, 101.9648.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.9783, 53.1829, 54.6976 is the 20% darker color. If you saturate the color by 10%, you get 76.0249, 88.9450, 79.4236, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

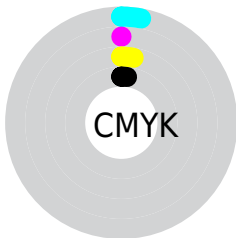
Distribution



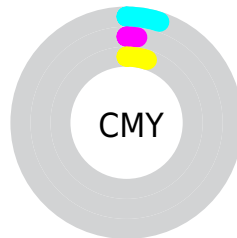
- Red (95%)
- Green (98%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.6370, 94.5201, 98.4193 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 87.6370, 94.5201, 98.4193 by changing the saturation by 10% instead.

87.6370, 94.5201,
98.4193

87.6370, 94.5201,
98.4193

508.6670,
542.6275, 576.3161

66.3523, 71.7356,
74.3716

142.9468,
153.6014, 161.0161

48.8272, 52.9427,
54.5996

177.7026,
190.6671, 200.4023

34.6964, 37.7571,
38.6848

217.6794,
233.2619, 245.7384

23.5945, 25.7942,
26.2087

263.2427,
281.7703, 297.4429

15.1562, 16.6697,
16.7526

314.7577,
336.5767, 355.9344

9.0161, 9.9993,
9.8982

372.5898,

4.8089, 5.3985,

398.0654, 421.6314

5.2268

437.1045,
466.6209, 494.9525

■ 2.1692, 2.4829,
2.3199

■ 0.7264, 0.8681,
0.7423

■ 87.6370, 94.5201,
98.4193

■ 87.6370, 94.5201,
98.4193

■ 76.0249, 88.9450,
79.4236

■ 93.7890, 97.4780,
108.4797

■ 66.0440, 84.1507,
63.0982

■ 57.6238, 80.1060,
49.3254

■ 50.6853, 76.7731,
37.9762

■ 45.1428, 74.1108,
28.9104

■ 40.9019, 72.0736,
21.9735

■ 37.8564, 70.6107,
16.9919

■ 35.8835, 69.6630,
13.7646

■ 34.8339, 69.1589,
12.0476

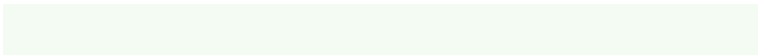
Harmonies

Analogous

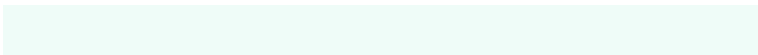
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7177, 94.5201, 95.9485



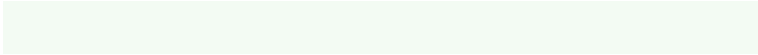
87.6370, 94.5201, 98.4193



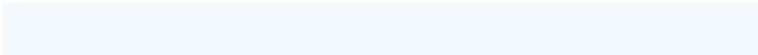
87.1467, 94.5201, 102.1442

Triad

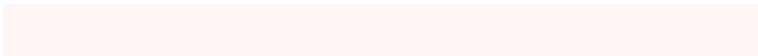
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6370, 94.5201, 98.4193



89.5685, 94.5201, 110.9020



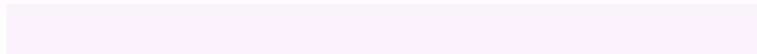
92.3516, 94.5201, 99.7264

Complementary

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



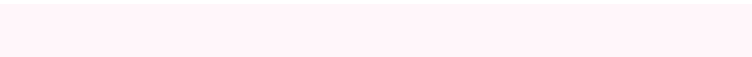
87.6370, 94.5201, 98.4193



89.2503, 91.5779, 104.2437

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.



92.5852, 94.5201, 103.6923



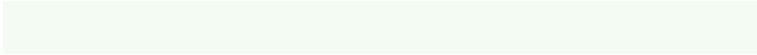
87.6370, 94.5201, 98.4193



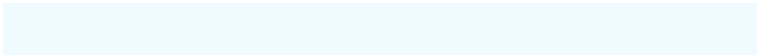
90.9688, 94.5201, 110.2136

Square

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



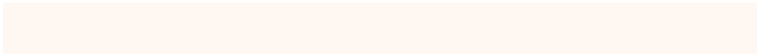
87.6370, 94.5201, 98.4193



88.2543, 94.5201, 109.4053



92.0766, 94.5201, 107.5483



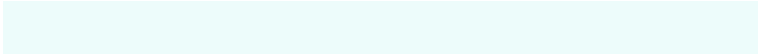
91.4416, 94.5201, 96.6891

Rectangle

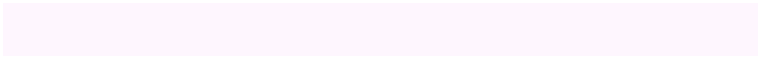
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



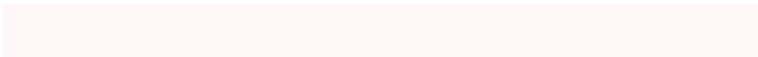
87.6370, 94.5201, 98.4193



87.2168, 94.5201, 104.8646



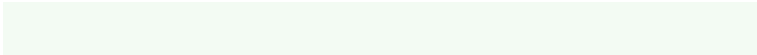
92.0766, 94.5201, 107.5483



92.5123, 94.5201, 100.9923

Sweetspot

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



87.6397, 94.5242, 98.4214



93.7102, 99.3564, 106.7085



90.4627, 95.9795, 98.5533



20.0720, 21.2731, 22.8631



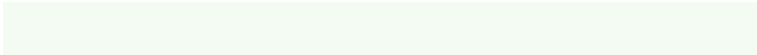
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

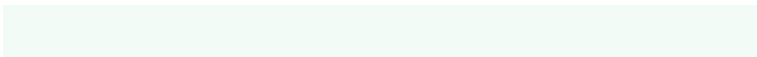
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6397, 94.5242, 98.4214



89.7974, 97.4769, 100.3085



88.2508, 94.7686, 101.6396



18.2062, 19.8803, 20.2370



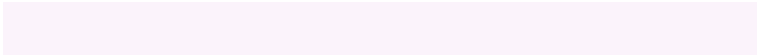
18.1332, 36.2663, 6.0445



1.6794, 3.3589, 0.5599

Inverse Universe

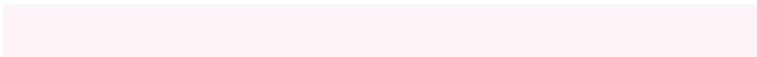
The Inverse Universe completely reimagines the original color for something new.



89.2503, 91.5779, 104.2437



91.8819, 93.6638, 107.8437



88.6259, 91.3281, 100.9557



18.7101, 18.9585, 22.0585



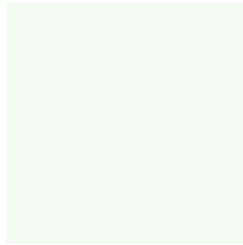
30.0641, 14.4414, 49.1736



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 87.6370, 94.5201, 98.4193 looks on a white background.

Color Contrast Check

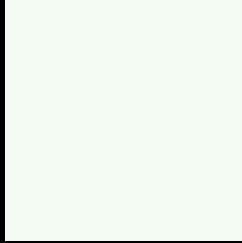
Large Text (above 18pt) WCAG AA × Fail

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 87.6370, 94.5201, 98.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

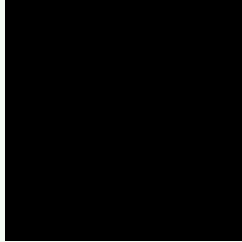
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

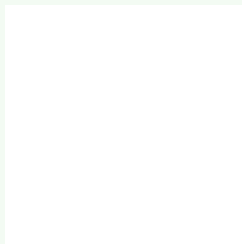
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6370, 94.5201, 98.4193

Background



This preview shows how black text looks on a background with the XYZ color 87.6370, 94.5201, 98.4193.



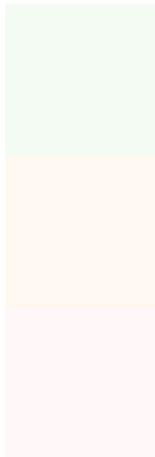
This preview shows how white text looks on a background with the XYZ color 87.6370, 94.5201,

98.4 93.

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

87.6370, 94.5201, 98.4193

Protanopia

90.6846, 94.7457, 96.7272

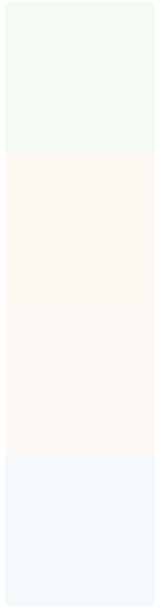
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

87.6370, 94.5201, 98.4193

Protanomaly

89.6864, 94.6714, 97.5508

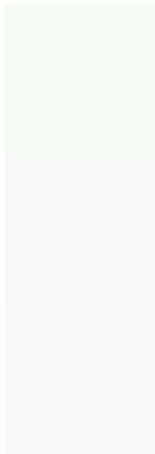
Deuteranomaly

89.9856, 94.2979, 100.6473

Tritanomaly

89.2943, 94.3092, 104.7640

Monochromacy



Original Color

87.6370, 94.5201, 98.4193

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5163, 93.9980, 100.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6370, 94.5201, 98.4193 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, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 243)  
}
```

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, 243) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 87.6370, 94.5201, 98.4193 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, 243) }
```


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

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

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, 243)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 87.6370, 94.5201, 98.4193 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, 243) }
```

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

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

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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