

Converting Colors

XYZ(87.8386, 93.8200,
101.8826)

Have a look what the booklet for
XYZ(87.8386, 93.8200, 101.8826)
contains.

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Color

**XYZ(87.7811, 93.5834,
102.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F9F8
RGB	243, 249, 248
RGB Percent	95%, 98%, 97%
CMY	0.0471, 0.0235, 0.0274
CMYK	0.02, 0.00, 0.00, 0.02
HSL	170°, 33%, 96%
HSV	170°, 2%, 98%
XYZ	87.7811, 93.5834, 102.2438
YIQ	247.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

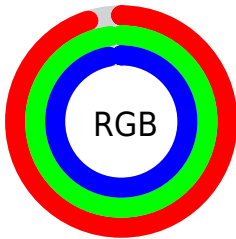
Format	Color
R _Y B	243, 246, 249
Decimal	15989240
CIE Lab	97.46, -2.15, -0.22
CIE LCh	97, 2.160, 185.901
Yxy	93.5834, 0.3095, 0.3300
Android (android.graphics.Color)	4294179320 (0xFFFF3F9F8)
YUV	247.0920, 0.4476, -3.5887
Hunter-Lab	96.7385, -7.3204, 5.0528

Details

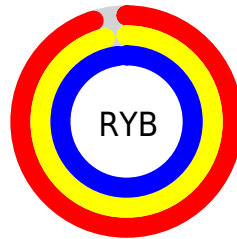
The XYZ color 87.7811, 93.5834, 102.2438 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.4501, 90.7750, 98.5047, and the grayscale version is 88.4836, 93.0916, 101.3768.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0779, 52.5105, 57.4180 is the 20% darker color. If you saturate the color by 10%, you get 79.1256, 89.1978, 98.5052, and if you desaturate by 10%, it is 92.7145, 96.0538, 105.8871.

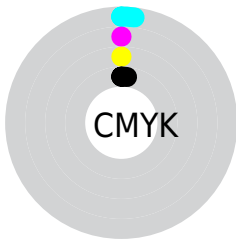
Distribution



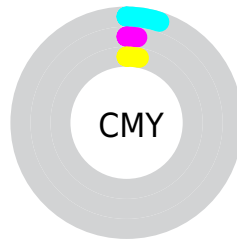
- Red (95%)
- Green (98%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7811, 93.5834, 102.2438 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 87.7811, 93.5834, 102.2438 by changing the saturation by 10% instead.

87.7811, 93.5834,
102.2438

87.7811, 93.5834,
102.2438

509.1322,
539.6199, 588.6708

66.4720, 70.9565,
77.5485

143.1465,
152.3061, 166.3160

48.9248, 52.3067,
57.1889

177.9334,
189.1706, 206.5299

34.7741, 37.2496,
40.7465

217.9437,
231.5498, 252.7537

23.6546, 25.4008,
27.8029

263.5426,
279.8281, 305.4060

15.2010, 16.3759,
17.9394

315.0956,
334.3899, 364.9053

9.0478, 9.7906,
10.7375

372.9679,

4.8297, 5.2603,

395.6195, 431.6702

5.7786

437.5250,
463.9014, 506.1192

■ 2.1814, 2.4008,
2.6444

■ 0.7329, 0.8263,
0.9152

■ 87.7811, 93.5834,
102.2438

■ 87.7811, 93.5834,
102.2438

■ 79.1256, 89.1978,
98.5052

■ 92.7145, 96.0538,
105.8871

■ 71.6006, 85.3907,
94.8921

■ 93.1675, 96.2350,
108.2725

■ 65.1589, 82.1404,
91.4038

■ 59.7470, 79.4194,
88.0373

■ 55.3067, 77.1976,
84.7893

■ 51.7739, 75.4421,
81.6565

■ 49.0770, 74.1159,
78.6348

■ 47.1331, 73.1762,
75.7200

■ 45.8422, 72.5717,
72.9068

Harmonies

Analogous

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



87.8768, 93.5834, 100.5245



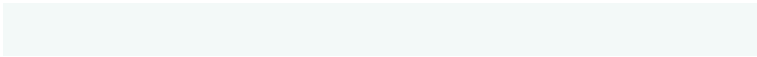
87.7811, 93.5834, 102.2438



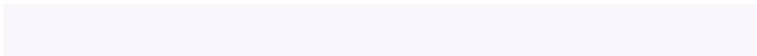
87.9970, 93.5834, 103.8884

Triad

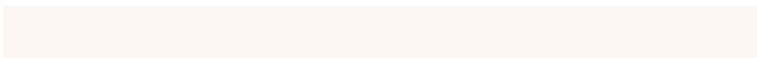
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7811, 93.5834, 102.2438



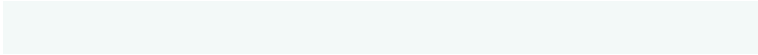
89.6411, 93.5834, 104.6549



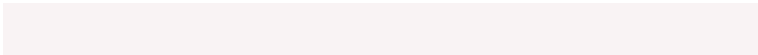
89.4303, 93.5834, 98.8464

Complementary

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



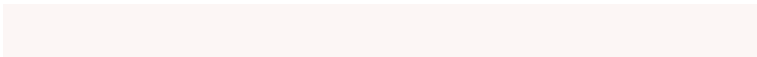
87.7811, 93.5834, 102.2438



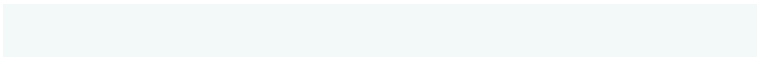
87.4501, 90.7750, 98.5047

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.



89.9063, 93.5834, 99.9301



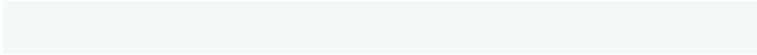
87.7811, 93.5834, 102.2438



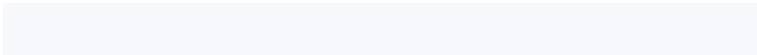
90.0283, 93.5834, 103.2808

Square

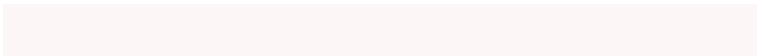
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7811, 93.5834, 102.2438



89.0694, 93.5834, 105.2907



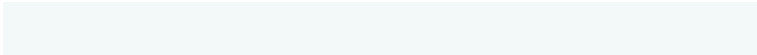
90.1256, 93.5834, 101.5498



88.8271, 93.5834, 98.5759

Rectangle

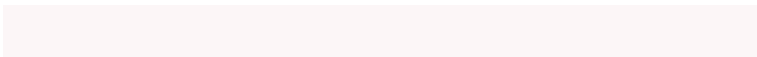
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



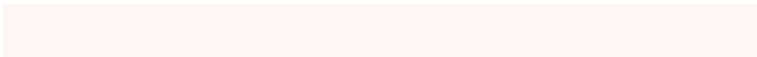
87.7811, 93.5834, 102.2438



88.2892, 93.5834, 104.7169



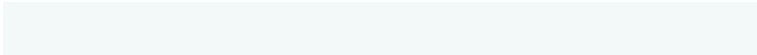
90.1256, 93.5834, 101.5498



89.6105, 93.5834, 99.1270

Sweetspot

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



87.7838, 93.5874, 102.2458



94.0495, 99.4921, 108.4952



87.3992, 93.4776, 98.2318



20.1410, 21.3008, 23.2267



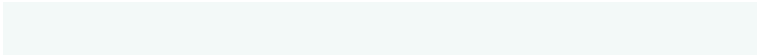
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.7838, 93.5874, 102.2458



92.0860, 98.4957, 107.6897



87.3552, 92.4804, 102.8737



18.7117, 20.1023, 22.0006



24.2311, 38.7055, 38.1560



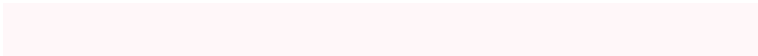
2.2762, 3.5976, 3.7024

Inverse Universe

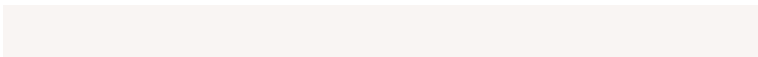
The Inverse Universe completely reimagines the original color for something new.



87.4501, 90.7750, 98.5047



91.6490, 94.8122, 102.7899



87.8700, 91.8581, 97.8944



18.5990, 19.1529, 20.7376



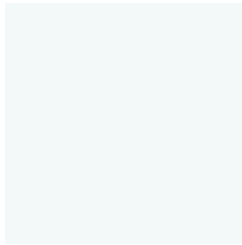
21.1667, 10.8824, 2.3201



1.9929, 1.0209, 0.3859

Previews

White Background



This preview shows how the XYZ color 87.7811, 93.5834, 102.2438 looks on a white background.

Color Contrast Check

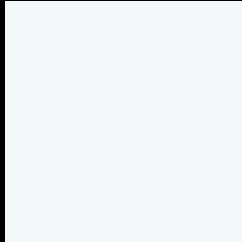
Large Text (above 18pt) WCAG AA × Fail

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 87.7811, 93.5834, 102.2438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

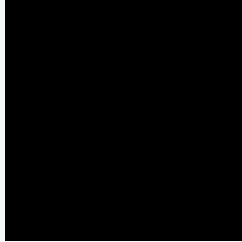
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

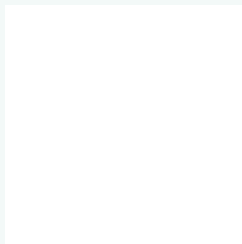
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7811, 93.5834, 102.2438

Background



This preview shows how black text looks on a background with the XYZ color 87.7811, 93.5834, 102.2438.

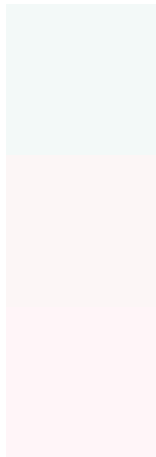


This preview shows how white text looks on a background with the XYZ color 87.7811, 93.5834,

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

87.7811, 93.5834, 102.2438

Protanopia

89.7352, 93.2608, 100.4604

Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

89.6685, 93.5157, 107.9320

Trichromacy



Original Color

87.7811, 93.5834, 102.2438

Protanomaly

89.1162, 93.3767, 101.3223

Deuteranomaly

89.6827, 93.1981, 102.0692

Tritanomaly

89.1441, 93.7559, 105.4938

Monochromacy



Original Color

87.7811, 93.5834, 102.2438

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3619, 93.4430, 101.3748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7811, 93.5834, 102.2438 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, 249, 248) looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 248)  
}
```

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, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.7811, 93.5834, 102.2438 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, 249, 248) }
```


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

```
.border{ border-color:rgb(243, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 249, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 249, 248); box-shadow:4px 4px 4px 4px rgb(243, 249, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7811, 93.5834, 102.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 248) }
```

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

```
.background{ background-color: rgb(243,  
249, 248) }
```

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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