

Converting Colors

XYZ(87.4843, 93.8680, 99.4330)

Have a look what the booklet for
XYZ(87.4843, 93.8680, 99.4330)
contains.

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Color

**XYZ(87.4769, 93.9576,
99.1130)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3FAF4 |
| RGB | 243, 250, 244 |
| RGB Percent | 95%, 98%, 96% |
| CMY | 0.0471, 0.0196, 0.0431 |
| CMYK | 0.03, 0.00, 0.02, 0.02 |
| HSL | 129°, 41%, 97% |
| HSV | 129°, 3%, 98% |
| XYZ | 87.4769, 93.9576, 99.1130 |
| YIQ | 247.2230, -2.2460, -3.3500 |

Conversions

Conversions Part 2

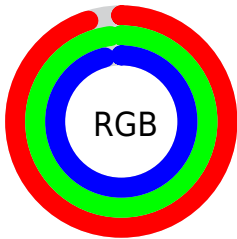
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 243, 249, 250 |
| Decimal | 15989492 |
| CIE Lab | 97.61, -3.36, 2.06 |
| CIE LCh | 98, 3.942, 148.531 |
| Yxy | 93.9576, 0.3118, 0.3349 |
| Android (android.graphics.Color) | 4294179572 (0xFFFF3FAF4) |
| YUV | 247.2230, -1.5889, -3.7036 |
| Hunter-Lab | 96.9317, -8.5416, 7.2280 |

Details

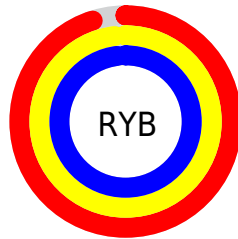
The XYZ color 87.4769, 93.9576, 99.1130 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5773, 91.2671, 102.5751, and the grayscale version is 88.6056, 93.2200, 101.5166.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8624, 52.7792, 55.1890 is the 20% darker color. If you saturate the color by 10%, you get 76.3627, 88.5851, 82.5829, and if you desaturate by 10%, it is 93.4774, 96.8549, 108.3758.

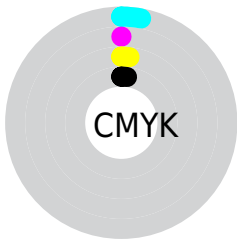
Distribution



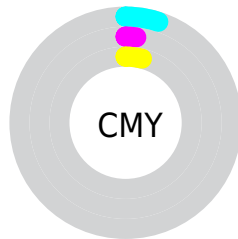
- Red (95%)
- Green (98%)
- Blue (96%)



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



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





- Cyan (5%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4769, 93.9576, 99.1130 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 87.4769, 93.9576, 99.1130 by changing the saturation by 10% instead.


 87.4769, 93.9576,
99.1130

 87.4769, 93.9576,
99.1130


508.1497,
540.8224, 578.5675

 66.2193, 71.2677,
74.9472


142.7249,
152.8237, 161.9789

 48.7188, 52.5607,
55.0682


177.4461,
189.7687, 201.5162

 34.6101, 37.4522,
39.0573


217.3857,
232.2341, 247.0143

 23.5278, 25.5578,
26.4962

262.9093,
280.6045, 298.8919

 15.1065, 16.4931,
16.9661

314.3821,
335.2641, 357.5675

 8.9810, 9.8738,
10.0486

372.1696,

 4.7858, 5.3153,

396.5973, 423.4596

5.3252

436.6370,
464.9887, 496.9867

■ 2.1556, 2.4334,
2.3772

■ 0.7192, 0.8430,
0.7740

■ 87.4769, 93.9576,
99.1130

■ 87.4769, 93.9576,
99.1130

■ 76.3627, 88.5851,
82.5829

■ 93.4774, 96.8549,
108.3758

■ 66.7390, 83.9360,
68.0284

■ 58.5445, 79.9831,
55.3774

■ 51.7105, 76.6927,
44.5511

■ 46.1629, 74.0281,
35.4653

■ 41.8200, 71.9494,
28.0290

■ 38.5909, 70.4116,
22.1431

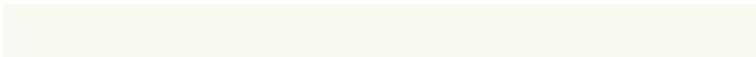
■ 36.3715, 69.3636,
17.6977

■ 35.0371, 68.7436,
14.5685

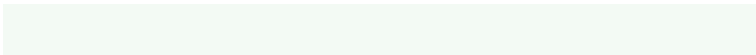
Harmonies

Analogous

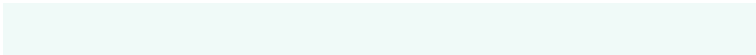
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2777, 93.9576, 96.9724



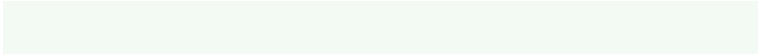
87.4769, 93.9576, 99.1130



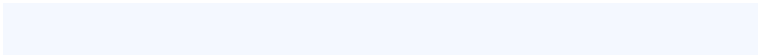
87.1651, 93.9576, 102.1456

Triad

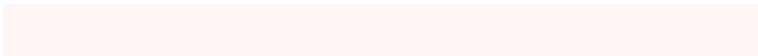
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4769, 93.9576, 99.1130



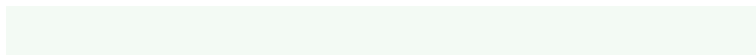
89.2486, 93.9576, 108.6038



91.2122, 93.9576, 99.3818

Complementary

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



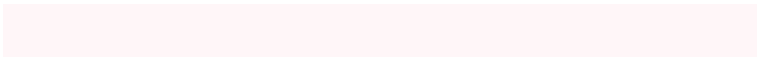
87.4769, 93.9576, 99.1130



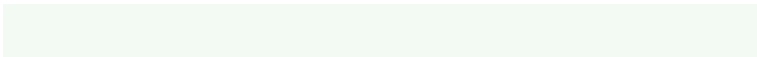
88.5773, 91.2671, 102.5751

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.



91.4774, 93.9576, 102.4623



87.4769, 93.9576, 99.1130



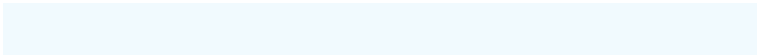
90.3380, 93.9576, 107.8272

Square

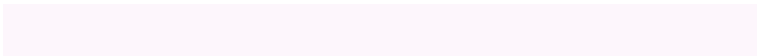
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



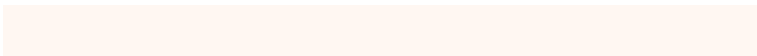
87.4769, 93.9576, 99.1130



88.1827, 93.9576, 107.6632



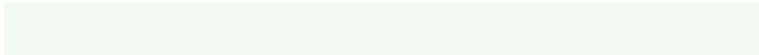
91.1561, 93.9576, 105.5625



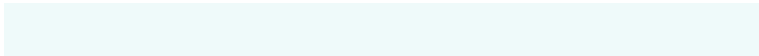
90.4346, 93.9576, 97.1253

Rectangle

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



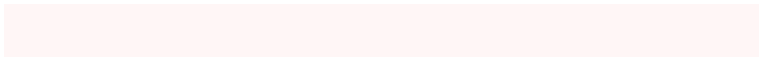
87.4769, 93.9576, 99.1130



87.2745, 93.9576, 104.2795



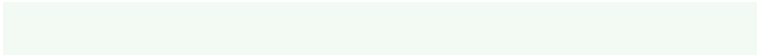
91.1561, 93.9576, 105.5625



91.3645, 93.9576, 100.3533

Sweetspot

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



87.4795, 93.9616, 99.1151



93.7681, 99.3796, 107.0134



89.4580, 94.9990, 98.4170



20.0837, 21.2779, 22.9252



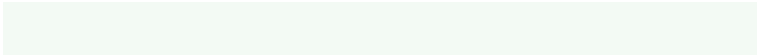
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

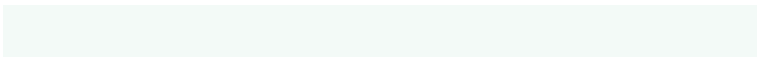
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4795, 93.9616, 99.1151



91.2533, 98.1627, 103.3049



88.0063, 94.1723, 101.8889



18.4971, 20.0165, 20.8705



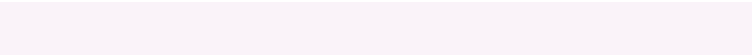
18.3303, 36.3451, 7.0827



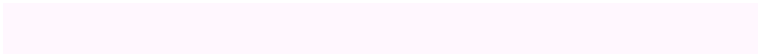
1.7273, 3.3780, 0.8119

Inverse Universe

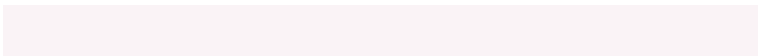
The Inverse Universe completely reimagines the original color for something new.



88.5773, 91.2671, 102.5751



92.4825, 95.1456, 107.1791



88.0461, 91.0547, 99.7778



18.8139, 19.2388, 21.8691



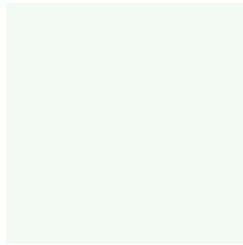
27.4119, 13.3805, 35.2071



2.5671, 1.2506, 3.4097

Previews

White Background



This preview shows how the XYZ color 87.4769, 93.9576, 99.1130 looks on a white background.

Color Contrast Check

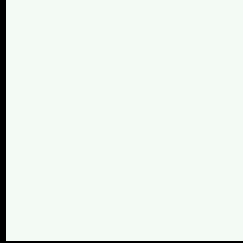
Large Text (above 18pt) WCAG AA × Fail

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 87.4769, 93.9576, 99.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

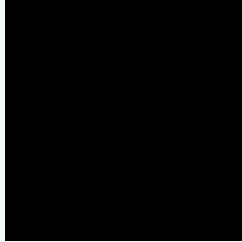
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

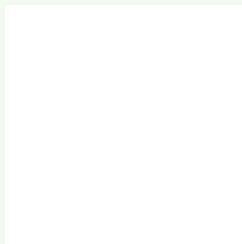
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4769, 93.9576, 99.1130

Background



This preview shows how black text looks on a background with the XYZ color 87.4769, 93.9576, 99.1130.



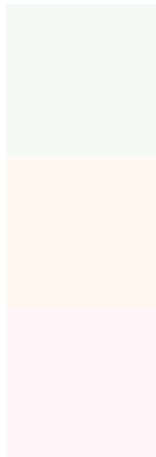
This preview shows how white text looks on a background with the XYZ color 87.4769, 93.9576,

99.1 30.

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

87.4769, 93.9576, 99.1130

Protanopia

90.1608, 94.0032, 97.3968

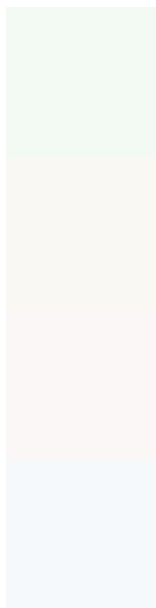
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

87.4769, 93.9576, 99.1130

Protanomaly

89.1694, 93.9299, 98.2246

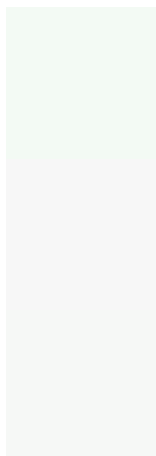
Deuteranomaly

89.6790, 93.6846, 100.5451

Tritanomaly

89.2943, 94.3092, 104.7640

Monochromacy



Original Color

87.4769, 93.9576, 99.1130

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2080, 93.3815, 100.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4769, 93.9576, 99.1130 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, 250, 244) looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 244)  
}
```

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, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 244) }
```

Border

The CSS property to change the border of an element to XYZ 87.4769, 93.9576, 99.1130 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, 250, 244) }
```


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

```
.border{ border-color:rgb(243, 250, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4769, 93.9576, 99.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 244) }
```

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

```
.background{ background-color: rgb(243,  
250, 244) }
```

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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