

Converting Colors

XYZ(87.2296, 94.1649, 97.2238)

Have a look what the booklet for
XYZ(87.2296, 94.1649, 97.2238)
contains.

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Color

**XYZ(87.4863, 94.4599,
97.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF2
RGB	243, 251, 242
RGB Percent	95%, 98%, 95%
CMY	0.0471, 0.0157, 0.0510
CMYK	0.03, 0.00, 0.04, 0.02
HSL	113°, 53%, 97%
HSV	113°, 4%, 98%
XYZ	87.4863, 94.4599, 97.6260
YIQ	247.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

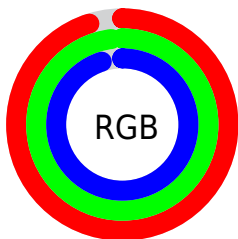
Format	Color
R _Y B	242, 251, 250
Decimal	15989746
CIE Lab	97.82, -4.22, 3.38
CIE LCh	98, 5.404, 141.276
Yxy	94.4599, 0.3129, 0.3379
Android (android.graphics.Color)	4294179826 (0xFFFF3FBF2)
YUV	247.5820, -2.7519, -4.0184
Hunter-Lab	97.1905, -9.4060, 8.4777

Details

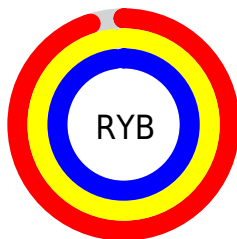
The XYZ color 87.4863, 94.4599, 97.6260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5929, 90.7960, 104.1278, and the grayscale version is 88.9071, 93.5372, 101.8620.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8715, 53.1402, 54.1356 is the 20% darker color. If you saturate the color by 10%, you get 76.7341, 89.3258, 78.7756, and if you desaturate by 10%, it is 93.7891, 97.4781, 108.4797.

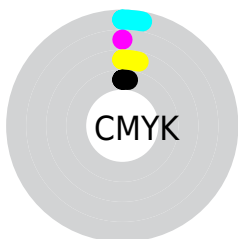
Distribution



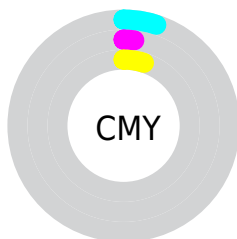
- Red (95%)
- Green (98%)
- Blue (95%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4863, 94.4599, 97.6260 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 87.4863, 94.4599, 97.6260 by changing the saturation by 10% instead.

87.4863, 94.4599,
97.6260

87.4863, 94.4599,
97.6260

508.1801,
542.4345, 573.7358

66.2271, 71.6855,
73.7136

142.7380,
153.5182, 159.9142

48.7252, 52.9018,
54.0643

177.4611,
190.5710, 199.1271

34.6151, 37.7244,
38.2595

217.4030,
233.1520, 244.2773

23.5317, 25.7689,
25.8808

262.9289,
281.6456, 295.7833

15.1094, 16.6508,
16.5095

314.4042,
336.4363, 354.0635

8.9830, 9.9858,
9.7272

372.1943,

4.7871, 5.3896,

397.9084, 419.5367

5.1152

436.6645,
466.4463, 492.6213

■ 2.1564, 2.4776,
2.2551

■ 0.7196, 0.8654,
0.7059

■ 87.4863, 94.4599,
97.6260

■ 87.4863, 94.4599,
97.6260

■ 76.7341, 89.3258,
78.7756

■ 93.7891, 97.4781,
108.4797

■ 67.3784, 84.8515,
62.5802

■ 59.3640, 81.0139,
48.9224

■ 52.6292, 77.7840,
37.6738

■ 47.1072, 75.1303,
28.6943

■ 42.7254, 73.0188,
21.8300

■ 39.4031, 71.4116,
16.9075

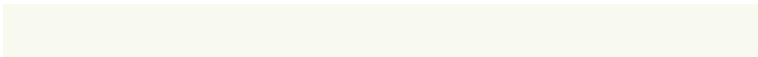
■ 37.0488, 70.2659,
13.7259

■ 35.5552, 69.5317,
12.0410

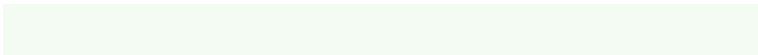
Harmonies

Analogous

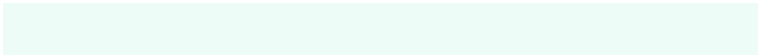
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7090, 94.4599, 95.1338



87.4863, 94.4599, 97.6260



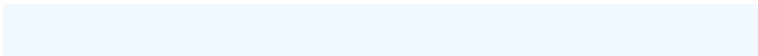
86.8803, 94.4599, 101.5673

Triad

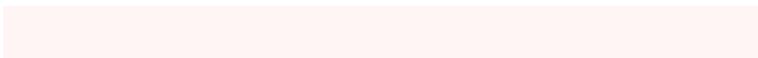
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4863, 94.4599, 97.6260



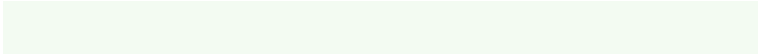
89.3320, 94.4599, 111.4807



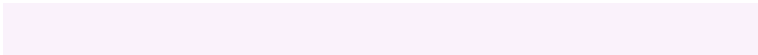
92.5747, 94.4599, 99.7981

Complementary

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



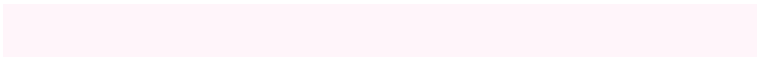
87.4863, 94.4599, 97.6260



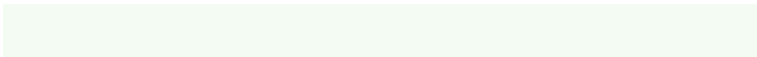
88.5929, 90.7960, 104.1278

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.



92.7461, 94.4599, 104.1450



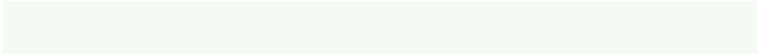
87.4863, 94.4599, 97.6260



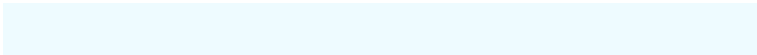
90.8623, 94.4599, 110.9741

Square

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



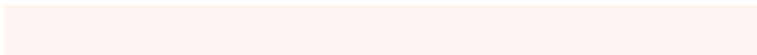
87.4863, 94.4599, 97.6260



87.9379, 94.4599, 109.6238



92.1161, 94.4599, 108.2587



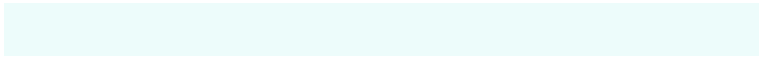
91.6503, 94.4599, 96.3627

Rectangle

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



87.4863, 94.4599, 97.6260



86.9028, 94.4599, 104.5213



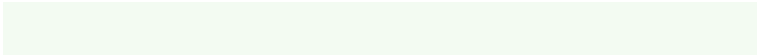
92.1161, 94.4599, 108.2587



92.7227, 94.4599, 101.1981

Sweetspot

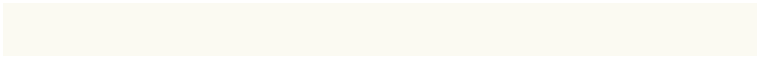
The Sweet Spot groups the original color and five complimentary colors.



87.4889, 94.4640, 97.6281



93.8130, 99.4094, 106.7133



89.9849, 95.2648, 97.6511



20.0929, 21.2839, 22.8641



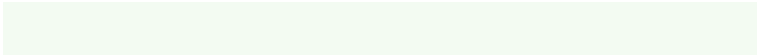
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

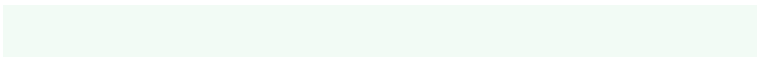
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4889, 94.4640, 97.6281



90.1932, 97.6809, 100.3268



87.6684, 94.4960, 100.3685



18.3014, 19.9294, 20.2414



18.4412, 36.4251, 6.0588



1.7645, 3.4027, 0.5638

Inverse Universe

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



88.5929, 90.7960, 104.1278



91.4666, 93.4498, 107.8245



88.4127, 90.7654, 101.3045



18.6093, 18.9066, 22.0538



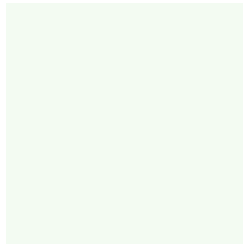
25.2490, 11.9590, 48.9511



2.3910, 1.1347, 4.5362

Previews

White Background



This preview shows how the XYZ color 87.4863, 94.4599, 97.6260 looks on a white background.

Color Contrast Check

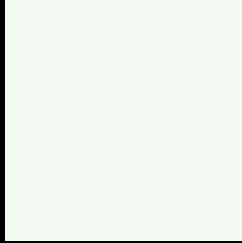
Large Text (above 18pt) WCAG AA × Fail

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 87.4863, 94.4599, 97.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

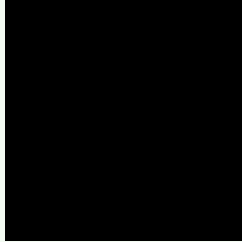
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

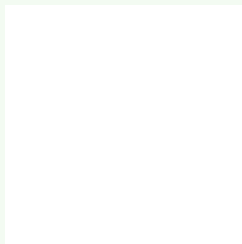
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4863, 94.4599, 97.6260

Background



This preview shows how black text looks on a background with the XYZ color 87.4863, 94.4599, 97.6260.



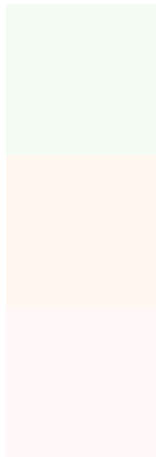
This preview shows how white text looks on a background with the XYZ color 87.4863, 94.4599,

97.6 60.

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

87.4863, 94.4599, 97.6260

Protanopia

90.2289, 94.0728, 95.8404

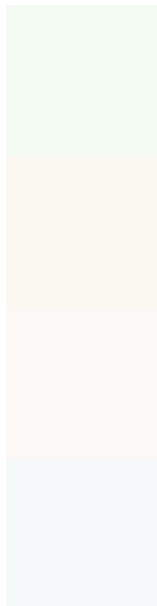
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

87.4863, 94.4599, 97.6260

Protanomaly

89.2282, 93.9949, 96.6591

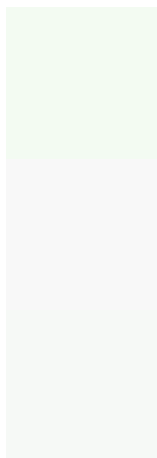
Deuteranomaly

89.9856, 94.2979, 100.6473

Tritanomaly

89.1370, 94.2463, 103.9358

Monochromacy



Original Color

87.4863, 94.4599, 97.6260

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 87.4863, 94.4599, 97.6260 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, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.4863, 94.4599, 97.6260 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, 242) }
```


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

```
.border{ border-color:rgb(243, 251, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4863, 94.4599, 97.6260 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, 242) }
```

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

```
.background{ background-color: rgb(243,  
251, 242) }
```

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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