

Converting Colors

XYZ(87.2404, 94.3158, 98.3167)

Have a look what the booklet for
XYZ(87.2404, 94.3158, 98.3167)
contains.

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Color

**XYZ(87.2928, 94.3427,
98.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FBF3
RGB	242, 251, 243
RGB Percent	95%, 98%, 95%
CMY	0.0510, 0.0157, 0.0471
CMYK	0.04, 0.00, 0.03, 0.02
HSL	127°, 53%, 97%
HSV	127°, 4%, 98%
XYZ	87.2928, 94.3427, 98.4032
YIQ	247.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

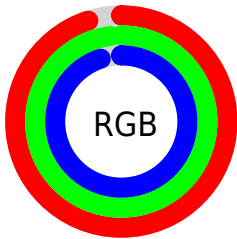
Format	Color
R_{YB}	242, 250, 251
Decimal	15924211
CIE Lab	97.77, -4.37, 2.79
CIE LCh	98, 5.186, 147.464
Yxy	94.3427, 0.3117, 0.3369
Android (android.graphics.Color)	4294114291 (0xFF2FBF3)
YUV	247.3970, -2.1677, -4.7332
Hunter-Lab	97.1302, -9.5563, 7.9240

Details

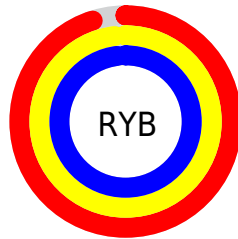
The XYZ color 87.2928, 94.3427, 98.4032 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.7946, 90.9180, 103.3160, and the grayscale version is 88.7522, 93.3742, 101.6845.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.7344, 53.0572, 54.6862 is the 20% darker color. If you saturate the color by 10%, you get 76.0947, 88.9385, 81.3463, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

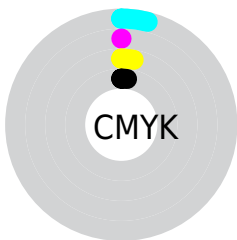
Distribution



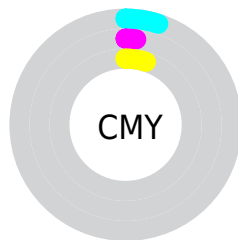
- Red (95%)
- Green (98%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2928, 94.3427, 98.4032 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 87.2928, 94.3427, 98.4032 by changing the saturation by 10% instead.

87.2928, 94.3427,
98.4032

87.2928, 94.3427,
98.4032

507.5546,
542.0586, 576.2638

66.0664, 71.5880,
74.3582

142.4698,
153.3562, 160.9938

48.5942, 52.8222,
54.5887

177.1510,
190.3838, 200.3764

34.5109, 37.6609,
38.6762

217.0479,
232.9379, 245.7087

23.4511, 25.7196,
26.2020

262.5258,
281.4028, 297.4092

15.0495, 16.6140,
16.7477

313.9501,
336.1629, 355.8965

8.9407, 9.9596,
9.8947

371.6861,

4.7593, 5.3722,

397.6026, 421.5889

5.2245

436.0991,
466.1064, 494.9052

■ 2.1400, 2.4673,
2.3186

■ 0.7108, 0.8602,
0.7416

■ 87.2928, 94.3427,
98.4032

■ 87.2928, 94.3427,
98.4032

■ 76.0947, 88.9385,
81.3463

■ 93.7890, 97.4780,
108.4797

■ 66.4234, 84.2731,
66.4201

■ 58.2150, 80.3180,
53.5429

■ 51.3979, 77.0383,
42.6251

■ 45.8946, 74.3960,
33.5707

■ 41.6200, 72.3494,
26.2756

■ 38.4787, 70.8518,
20.6253

■ 36.3612, 69.8495,
16.4919

■ 35.1357, 69.2776,
13.7286

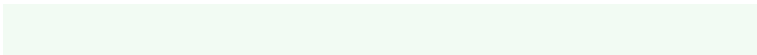
Harmonies

Analogous

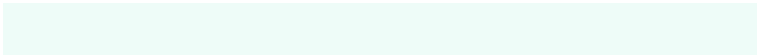
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3642, 94.3427, 95.6621



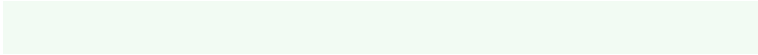
87.2928, 94.3427, 98.4032



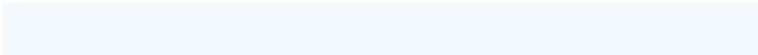
86.8577, 94.3427, 102.3631

Triad

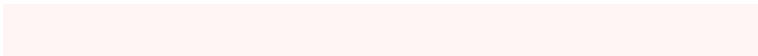
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2928, 94.3427, 98.4032



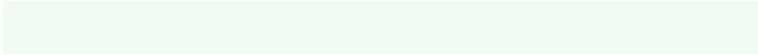
89.5441, 94.3427, 111.0797



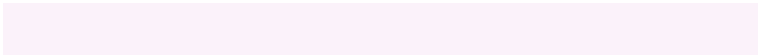
92.2180, 94.3427, 99.0111

Complementary

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



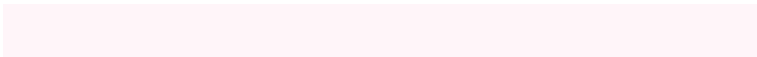
87.2928, 94.3427, 98.4032



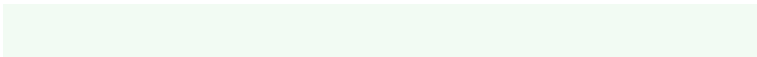
88.7946, 90.9180, 103.3160

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.



92.5422, 94.3427, 103.0840



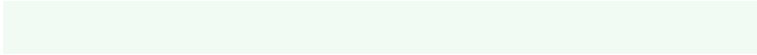
87.2928, 94.3427, 98.4032



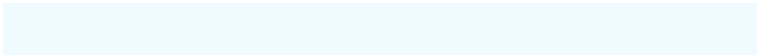
90.9884, 94.3427, 110.1234

Square

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



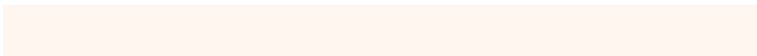
87.2928, 94.3427, 98.4032



88.1485, 94.3427, 109.7463



92.0898, 94.3427, 107.1677



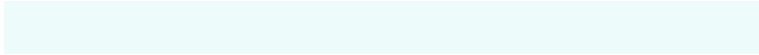
91.2087, 94.3427, 96.0062

Rectangle

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



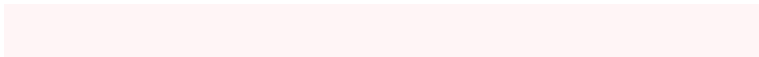
87.2928, 94.3427, 98.4032



86.9834, 94.3427, 105.1878



92.0898, 94.3427, 107.1677



92.4111, 94.3427, 100.2973

Sweetspot

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



87.2954, 94.3467, 98.4053



93.7552, 99.3744, 106.9456



89.9884, 95.7524, 97.7448



20.0811, 21.2768, 22.9114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

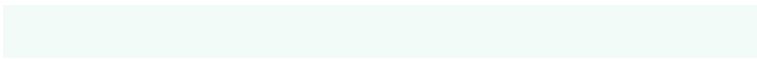
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2954, 94.3467, 98.4053



89.9707, 97.5462, 101.2213



87.9685, 94.6159, 101.9493



18.2479, 19.8970, 20.4566



18.2681, 36.3203, 6.7553



1.7167, 3.3738, 0.7560

Inverse Universe

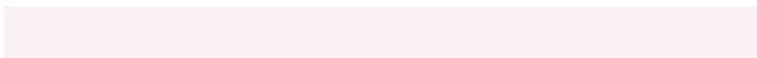
The Inverse Universe completely reimagines the original color for something new.



88.7946, 90.9180, 103.3160



91.7000, 93.5911, 106.8860



88.1121, 90.6450, 99.7221



18.6659, 18.9409, 21.8259



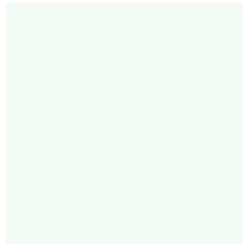
27.9554, 13.5979, 38.0689



2.6121, 1.2686, 3.6468

Previews

White Background



This preview shows how the XYZ color 87.2928, 94.3427, 98.4032 looks on a white background.

Color Contrast Check

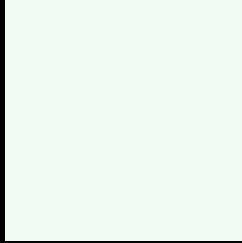
Large Text (above 18pt) WCAG AA × Fail

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 87.2928, 94.3427, 98.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

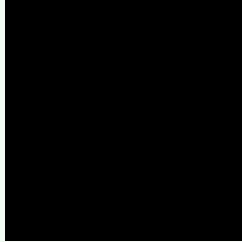
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

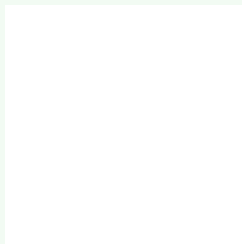
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2928, 94.3427, 98.4032

Background



This preview shows how black text looks on a background with the XYZ color 87.2928, 94.3427, 98.4032.



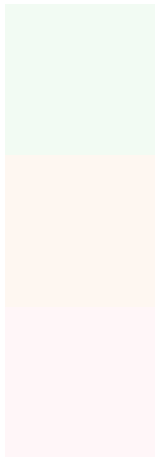
This preview shows how white text looks on a background with the XYZ color 87.2928, 94.3427, 98.4032.

98.432.

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

87.2928, 94.3427, 98.4032

Protanopia

90.0110, 93.9432, 96.6079

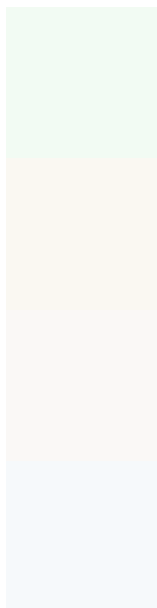
Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

87.2928, 94.3427, 98.4032

Protanomaly

89.0188, 93.8696, 97.4313

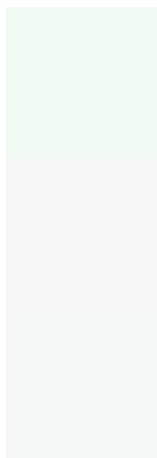
Deuteranomaly

89.6263, 94.1126, 100.6305

Tritanomaly

89.2943, 94.3092, 104.7640

Monochromacy



Original Color

87.2928, 94.3427, 98.4032

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.8581, 93.2011, 100.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2928, 94.3427, 98.4032 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(242, 251, 243) looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 251, 243) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 87.2928, 94.3427, 98.4032 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(242, 251, 243) }
```


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

```
.border{ border-color:rgb(242, 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(242, 251, 243)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 87.2928, 94.3427, 98.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 243) }
```

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

```
.background{ background-color: rgb(242,  
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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