

Converting Colors

XYZ(86.2858, 93.5549, 97.4522)

Have a look what the booklet for
XYZ(86.2858, 93.5549, 97.4522)
contains.

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Color

**XYZ(86.1478, 93.3073,
97.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FAF2
RGB	240, 250, 242
RGB Percent	94%, 98%, 95%
CMY	0.0588, 0.0196, 0.0510
CMYK	0.04, 0.00, 0.03, 0.02
HSL	132°, 50%, 96%
HSV	132°, 4%, 98%
XYZ	86.1478, 93.3073, 97.4740
YIQ	246.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

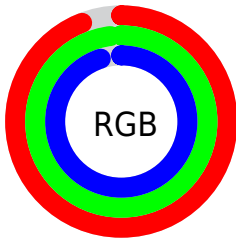
Format	Color
R_{YB}	240, 248, 250
Decimal	15792882
CIE _{Lab}	97.35, -4.71, 2.68
CIE _{LCh}	97, 5.415, 150.343
Yxy	93.3073, 0.3111, 0.3369
Android (android.graphics.Color)	4293982962 (0xFFFF0FAF2)
YUV	246.0980, -2.0203, -5.3479
Hunter-Lab	96.5957, -9.8492, 7.7879

Details

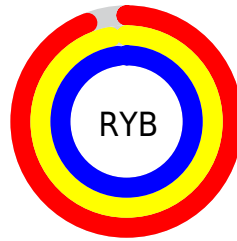
The XYZ color **86.1478, 93.3073, 97.4740** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.5312, 89.4239, 101.4587**, and the grayscale version is **87.6967, 92.2638, 100.4753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9219, 52.3191, 54.0272** is the 20% darker color. If you saturate the color by 10%, you get **75.3968, 88.0960, 82.1373**, and if you desaturate by 10%, it is **93.4774, 96.8548, 108.3758**.

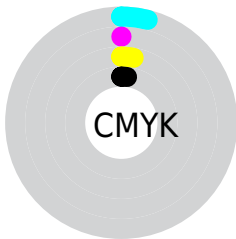
Distribution



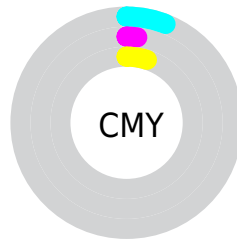
- Red (94%)
- Green (98%)
- Blue (95%)



- Red (94%)
- Yellow (97%)
- Blue (98%)



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




- Cyan (6%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1478, 93.3073, 97.4740 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 86.1478, 93.3073, 97.4740 by changing the saturation by 10% instead.


 86.1478, 93.3073,
97.4740

 86.1478, 93.3073,
97.4740


503.8451,
538.7317, 573.2407

 65.1159, 70.7269,
73.5876


140.8815,
151.9240, 159.7030

 47.8201, 52.1194,
53.9618


175.3140,
188.7291, 198.8826

 33.8951, 37.1003,
38.1782


214.9440,
231.0446, 243.9971

 22.9755, 25.2851,
25.8181

260.1370,
279.2549, 295.4649

 14.6960, 16.2896,
16.4631

311.2582,
333.7444, 353.7047

 8.6913, 9.7293,
9.6945

368.6731,

 4.5958, 5.2199,

394.8974, 419.1348

5.0939

432.7469,
463.0983, 492.1740

■ 2.0444, 2.3768,
2.2428

■ 0.6587, 0.8139,
0.6989

■ 86.1478, 93.3073,
97.4740

■ 86.1478, 93.3073,
97.4740

■ 75.3968, 88.0960,
82.1373

■ 93.4774, 96.8548,
108.3758

■ 66.0831, 83.5862,
68.5262

■ 58.1474, 79.7513,
56.5821

■ 51.5235, 76.5586,
46.2407

■ 46.1392, 73.9723,
37.4337

■ 41.9158, 71.9532,
30.0877

■ 38.7648, 70.4576,
24.1233

■ 36.5847, 69.4348,
19.4534

■ 35.2534, 68.8240,
15.9811

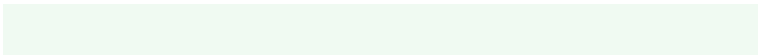
Harmonies

Analogous

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



87.2044, 93.3073, 94.4802



86.1478, 93.3073, 97.4740



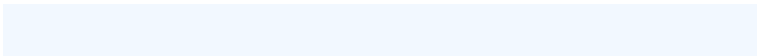
85.7695, 93.3073, 101.6464

Triad

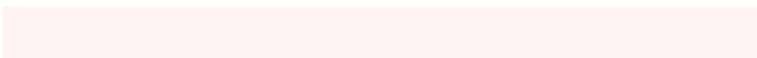
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1478, 93.3073, 97.4740



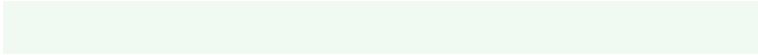
88.7034, 93.3073, 110.2772



91.2551, 93.3073, 97.3888

Complementary

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



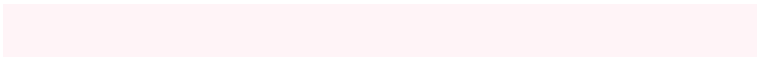
86.1478, 93.3073, 97.4740



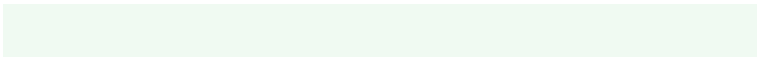
87.5312, 89.4239, 101.4587

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.



91.6674, 93.3073, 101.5452



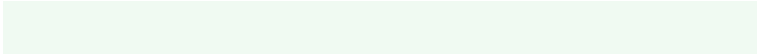
86.1478, 93.3073, 97.4740



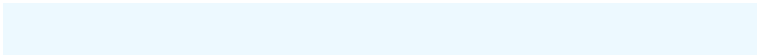
90.1839, 93.3073, 109.0600

Square

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



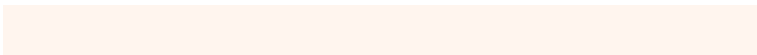
86.1478, 93.3073, 97.4740



87.2347, 93.3073, 109.1130



91.2731, 93.3073, 105.8322



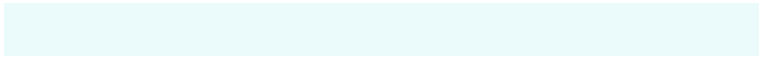
90.1529, 93.3073, 94.4320

Rectangle

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



86.1478, 93.3073, 97.4740



85.9495, 93.3073, 104.5601



91.2731, 93.3073, 105.8322



91.4796, 93.3073, 98.6880

Sweetspot

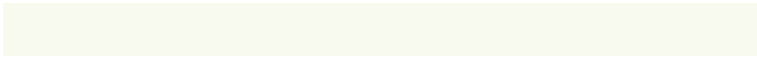
The Sweet Spot groups the original color and five complimentary colors.



86.1504, 93.3113, 97.4760



93.7913, 99.3889, 107.1356



88.6882, 94.6541, 96.0350



20.0885, 21.2797, 22.9500



0.0000, 0.0000, 0.0000



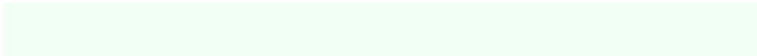
20.3446, 21.4041, 23.3091

Same Dimension

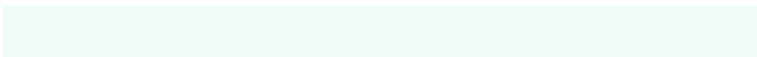
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1504, 93.3113, 97.4760



88.9146, 97.0218, 100.2663



86.8866, 93.6058, 101.3528



18.0513, 19.7987, 20.3077



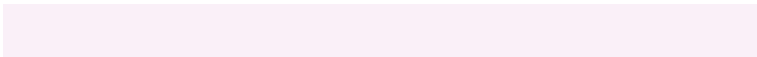
18.4786, 36.4044, 7.8635



1.7473, 3.3860, 0.9169

Inverse Universe

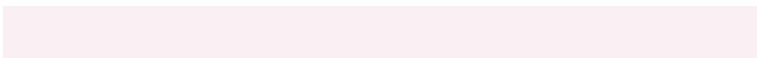
The Inverse Universe completely reimagines the original color for something new.



87.5312, 89.4239, 101.4587



90.7088, 91.9701, 105.4417



86.7903, 89.1275, 97.5574



18.4678, 18.6260, 21.5091



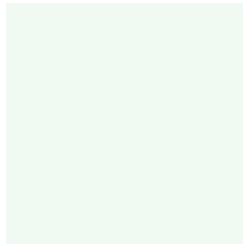
26.4957, 13.0140, 30.3824



2.4904, 1.2199, 3.0060

Previews

White Background



This preview shows how the XYZ color 86.1478, 93.3073, 97.4740 looks on a white background.

Color Contrast Check

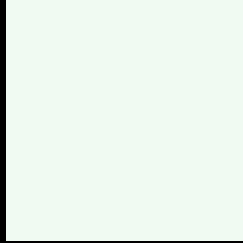
Large Text (above 18pt) WCAG AA × Fail

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 86.1478, 93.3073, 97.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

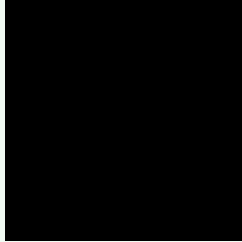
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

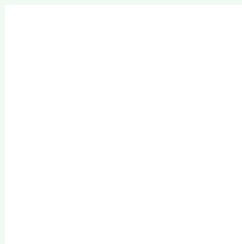
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1478, 93.3073, 97.4740

Background



This preview shows how black text looks on a background with the XYZ color 86.1478, 93.3073, 97.4740.



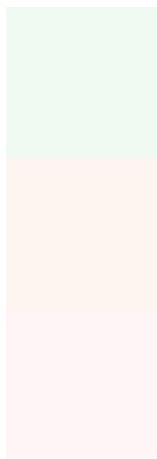
This preview shows how white text looks on a background with the XYZ color 86.1478, 93.3073,

97.440.

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

86.1478, 93.3073, 97.4740

Protanopia

89.1920, 93.0855, 95.7044

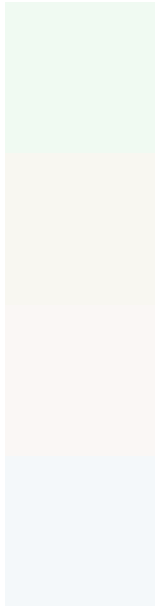
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

86.1478, 93.3073, 97.4740

Protanomaly

87.8493, 92.8289, 96.5067

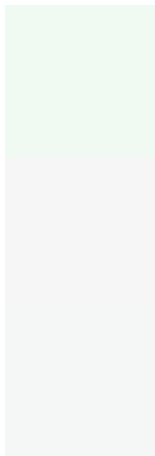
Deuteranomaly

89.1665, 93.4381, 99.7220

Tritanomaly

88.1309, 93.2700, 103.8004

Monochromacy



Original Color

86.1478, 93.3073, 97.4740

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.0504, 92.3472, 99.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1478, 93.3073, 97.4740 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(240, 250, 242) looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 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(240, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 242) }
```

Border

The CSS property to change the border of an element to XYZ 86.1478, 93.3073, 97.4740 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(240, 250, 242) }
```


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

```
.border{ border-color:rgb(240, 250, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1478, 93.3073, 97.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 242) }
```

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

```
.background{ background-color: rgb(240,  
250, 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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