

Converting Colors

XYZ(82.3076, 90.0078, 94.7457)

Have a look what the booklet for
XYZ(82.3076, 90.0078, 94.7457)
contains.

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Color

**XYZ(82.4450, 90.0772,
94.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F7EF
RGB	233, 247, 239
RGB Percent	91%, 97%, 94%
CMY	0.0863, 0.0313, 0.0627
CMYK	0.06, 0.00, 0.03, 0.03
HSL	146°, 47%, 94%
HSV	146°, 6%, 97%
XYZ	82.4450, 90.0772, 94.7027
YIQ	241.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

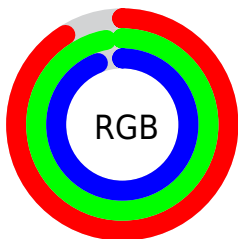
Format	Color
R _{YB}	233, 243, 247
Decimal	15333359
CIE Lab	96.03, -6.04, 2.24
CIE LCh	96, 6.439, 159.622
Yxy	90.0772, 0.3085, 0.3371
Android (android.graphics.Color)	4293523439 (0xFFE9F7EF)
YUV	241.9020, -1.4307, -7.8071
Hunter-Lab	94.9090, -11.0324, 7.2752

Details

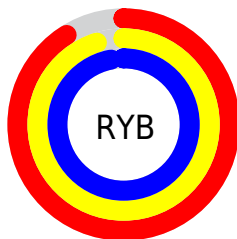
The XYZ color **82.4450, 90.0772, 94.7027** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3771, 84.4051, 95.1207**, and the grayscale version is **84.3370, 88.7291, 96.6260**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3095, 50.0276, 52.0680** is the 20% darker color. If you saturate the color by 10%, you get **72.9345, 85.4085, 83.7930**, and if you desaturate by 10%, it is **92.2511, 94.8845, 106.4804**.

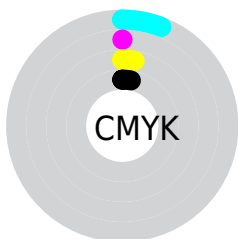
Distribution



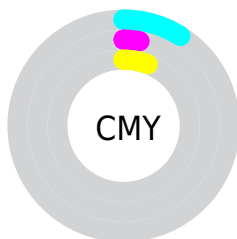
- Red (91%)
- Green (97%)
- Blue (94%)



- Red (91%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4450, 90.0772, 94.7027 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 82.4450, 90.0772, 94.7027 by changing the saturation by 10% instead.

82.4450, 90.0772,
94.7027

82.4450, 90.0772,
94.7027

491.7469,
528.2819, 564.1728

62.0478, 68.0447,
71.2920

135.7304,
147.4456, 155.8459

45.3270, 49.9341,
52.0973

169.3494,
183.5503, 194.4154

31.9175, 35.3610,
36.6998

208.1062,
225.1145, 238.8750

21.4537, 23.9411,
24.6812

252.3663,
272.5226, 289.6432

13.5704, 15.2899,
15.6228

302.4951,
326.1590, 347.1386

7.9022, 9.0231,
9.1062

358.8579,

4.0837, 4.7563,

386.4081, 411.7796

4.7128

421.8201,
453.6543, 483.9848

■ 1.7496, 2.1050,
2.0240

■ 0.4870, 0.6674,
0.5700

■ 82.4450, 90.0772,
94.7027

■ 82.4450, 90.0772,
94.7027

■ 72.9345, 85.4085,
83.7930

■ 92.2511, 94.8845,
106.4804

■ 64.6628, 81.3576,
73.7706

■ 92.5525, 95.0051,
108.0675

■ 57.5787, 77.9009,
64.6149

■ 51.6245, 75.0092,
56.3024

■ 46.7374, 72.6506,
48.8086

■ 42.8481, 70.7899,
42.1077

■ 39.8789, 69.3875,
36.1722

■ 37.7392, 68.3974,
30.9731

■ 36.3182, 67.7628,
26.4789

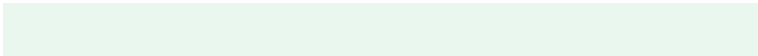
Harmonies

Analogous

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



83.4500, 90.0772, 90.7156



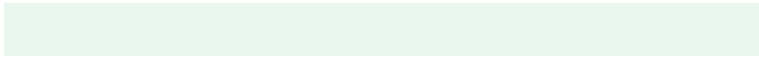
82.4450, 90.0772, 94.7027



82.2831, 90.0772, 99.7275

Triad

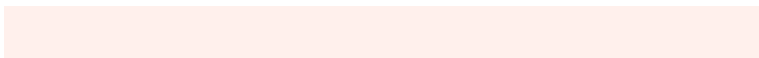
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4450, 90.0772, 94.7027



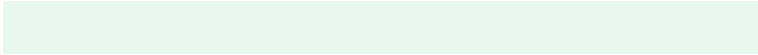
86.1894, 90.0772, 108.0710



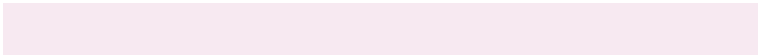
88.2810, 90.0772, 91.9554

Complementary

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



82.4450, 90.0772, 94.7027



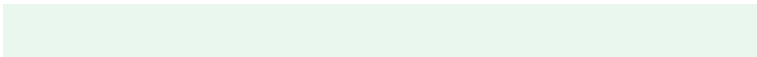
83.3771, 84.4051, 95.1207

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.



89.0371, 90.0772, 96.4483



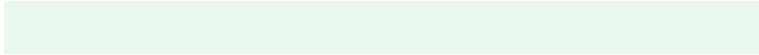
82.4450, 90.0772, 94.7027



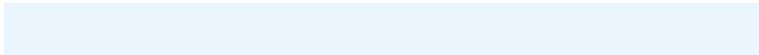
87.8185, 90.0772, 105.8299

Square

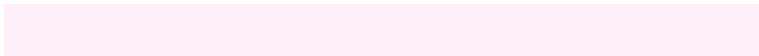
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



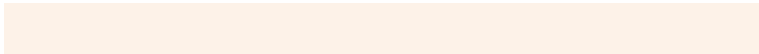
82.4450, 90.0772, 94.7027



84.4286, 90.0772, 107.5641



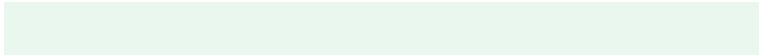
88.8666, 90.0772, 101.5341



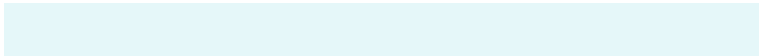
86.8138, 90.0772, 89.1681

Rectangle

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



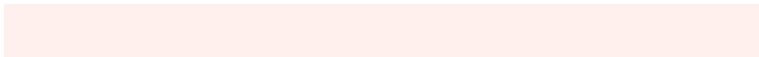
82.4450, 90.0772, 94.7027



82.6727, 90.0772, 103.0074



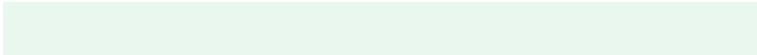
88.8666, 90.0772, 101.5341



88.6277, 90.0772, 93.3099

Sweetspot

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



82.4475, 90.0810, 94.7047



92.7327, 98.8592, 106.3604



84.3046, 91.1391, 90.2402



19.8729, 21.1719, 22.7922



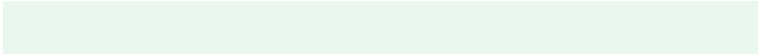
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.4475, 90.0810, 94.7047



87.1858, 96.1306, 100.1845



83.4771, 90.4929, 100.1262



16.9678, 18.7820, 19.5001



19.0296, 35.7567, 13.4415



1.7229, 3.1628, 1.4467

Inverse Universe

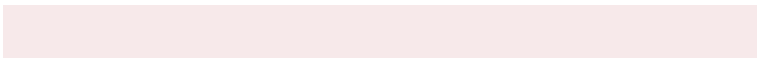
The Inverse Universe completely reimagines the original color for something new.



83.3771, 84.4051, 95.1207



88.4105, 88.6524, 100.7326



82.3746, 84.0041, 89.8417



17.2265, 17.2027, 19.6158



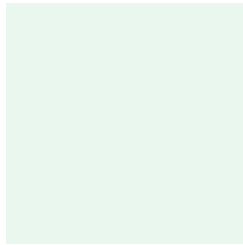
22.9081, 11.5067, 14.7563



2.0648, 1.0319, 1.5677

Previews

White Background



This preview shows how the XYZ color 82.4450, 90.0772, 94.7027 looks on a white background.

Color Contrast Check

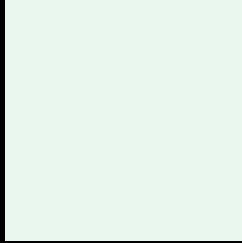
Large Text (above 18pt) WCAG AA × Fail

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 82.4450, 90.0772, 94.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

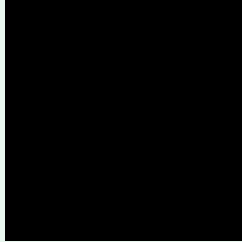
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

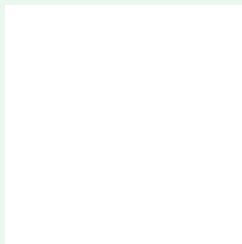
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4450, 90.0772, 94.7027

Background



This preview shows how black text looks on a background with the XYZ color 82.4450, 90.0772, 94.7027.



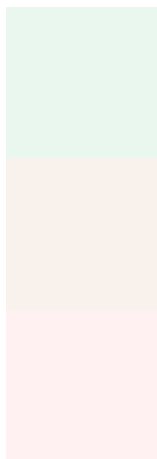
This preview shows how white text looks on a background with the XYZ color 82.4450, 90.0772,

94.7927.

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

82.4450, 90.0772, 94.7027

Protanopia

85.9594, 89.7001, 92.1402

Deuteranopia

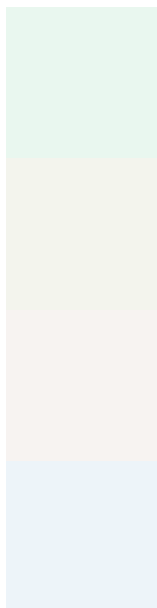
88.4271, 89.9910, 96.7138



Tritanopia

86.0358, 89.8464, 107.4153

Trichromacy



Original Color

82.4450, 90.0772, 94.7027

Protanomaly

84.5989, 89.8705, 93.0087

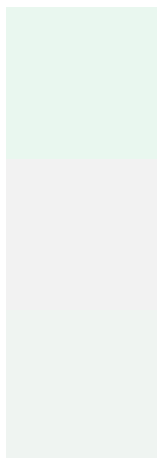
Deuteranomaly

86.2855, 90.2262, 96.0868

Tritanomaly

84.3746, 89.5454, 102.4595

Monochromacy



Original Color

82.4450, 90.0772, 94.7027

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.8245, 89.4030, 96.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4450, 90.0772, 94.7027 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(233, 247, 239) looks like.

```
.text, #text, p{  
    color:rgb(233, 247, 239)  
}
```

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(233, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 247, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.4450, 90.0772, 94.7027 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(233, 247, 239) }
```


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

```
.border{ border-color:rgb(233, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 247,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4450, 90.0772, 94.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 247, 239) }
```

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

```
.background{ background-color: rgb(233,  
247, 239) }
```

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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