

Converting Colors

XYZ(82.1127, 88.9503, 92.8109)

Have a look what the booklet for
XYZ(82.1127, 88.9503, 92.8109)
contains.

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Color

**XYZ(82.1994, 89.0814,
92.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF5ED
RGB	235, 245, 237
RGB Percent	92%, 96%, 93%
CMY	0.0784, 0.0392, 0.0706
CMYK	0.04, 0.00, 0.03, 0.04
HSL	132°, 33%, 94%
HSV	132°, 4%, 96%
XYZ	82.1994, 89.0814, 92.9828
YIQ	241.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

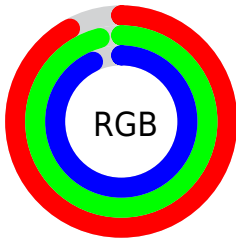
Format	Color
R _{YB}	235, 243, 245
Decimal	15463917
CIE Lab	95.61, -4.72, 2.69
CIE LCh	96, 5.437, 150.337
Yxy	89.0814, 0.3111, 0.3371
Android (android.graphics.Color)	4293653997 (0xFFEBF5ED)
YUV	241.0980, -2.0203, -5.3479
Hunter-Lab	94.3829, -9.7121, 7.6576

Details

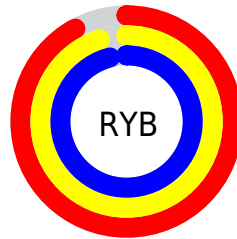
The XYZ color **82.1994, 89.0814, 92.9828** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5454, 85.3024, 96.8601**, and the grayscale version is **83.7057, 88.0649, 95.9027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1285, 49.3151, 50.8563** is the 20% darker color. If you saturate the color by 10%, you get **71.9518, 84.1141, 78.3619**, and if you desaturate by 10%, it is **91.9441, 93.7883, 107.8647**.

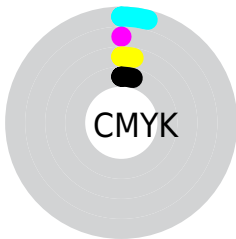
Distribution



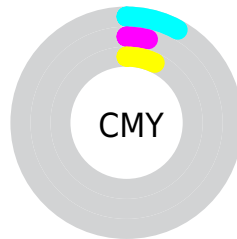
- Red (92%)
- Green (96%)
- Blue (93%)



- Red (92%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1994, 89.0814, 92.9828 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 82.1994, 89.0814, 92.9828 by changing the saturation by 10% instead.

82.1994, 89.0814,
92.9828

82.1994, 89.0814,
92.9828

490.9388,
525.0381, 558.5053

61.8446, 67.2190,
69.8696

135.3880,
146.0618, 153.4463

45.1623, 49.2626,
50.9441

168.9524,
181.9485, 191.6337

31.7871, 34.8279,
35.7877

207.6508,
223.2789, 235.6829

21.3537, 23.5303,
23.9819

251.8484,
270.4372, 286.0125

13.4967, 14.9856,
15.1081

301.9107,
323.8079, 343.0410

7.8508, 8.8093,
8.7478

358.2029,

4.0506, 4.6170,

383.7753, 407.1869

4.4825

421.0905,
450.7240, 478.8688

■ 1.7308, 2.0243,
1.8936

■ 0.4754, 0.6216,
0.4887

■ 82.1994, 89.0814,
92.9828

■ 82.1994, 89.0814,
92.9828

■ 71.9518, 84.1141,
78.3619

■ 91.9441, 93.7883,
107.8647

■ 63.0736, 79.8153,
65.3854

■ 55.5086, 76.1596,
53.9972

■ 49.1933, 73.1157,
44.1363

■ 44.0594, 70.6496,
35.7374

■ 40.0317, 68.7242,
28.7309

■ 37.0259, 67.2975,
23.0410

■ 34.9455, 66.3215,
18.5849

■ 33.6741, 65.7381,
15.2702

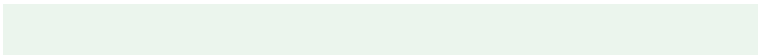
Harmonies

Analogous

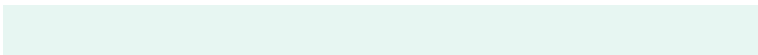
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2277, 89.0814, 90.0712



82.1994, 89.0814, 92.9828



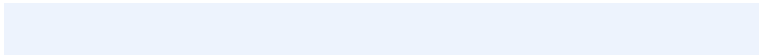
81.8312, 89.0814, 97.0429

Triad

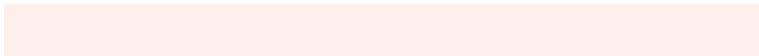
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1994, 89.0814, 92.9828



84.6861, 89.0814, 105.4493



87.1708, 89.0814, 92.9014

Complementary

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



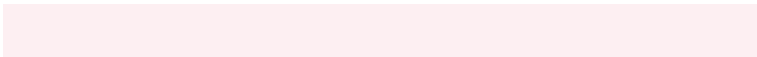
82.1994, 89.0814, 92.9828



83.5454, 85.3024, 96.8601

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.



87.5721, 89.0814, 96.9462



82.1994, 89.0814, 92.9828



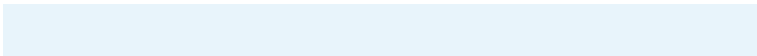
86.1273, 89.0814, 104.2638

Square

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



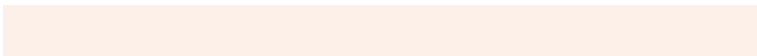
82.1994, 89.0814, 92.9828



83.2566, 89.0814, 104.3145



87.1880, 89.0814, 101.1200



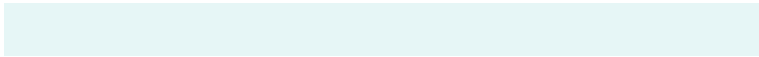
86.0977, 89.0814, 90.0252

Rectangle

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



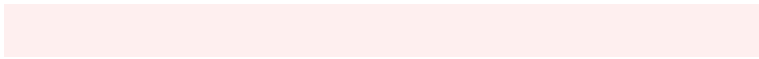
82.1994, 89.0814, 92.9828



82.0062, 89.0814, 99.8796



87.1880, 89.0814, 101.1200



87.3893, 89.0814, 94.1655

Sweetspot

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



82.2019, 89.0852, 92.9847



93.7913, 99.3889, 107.1356



84.6711, 90.3917, 91.5831



20.0885, 21.2797, 22.9500



0.0000, 0.0000, 0.0000



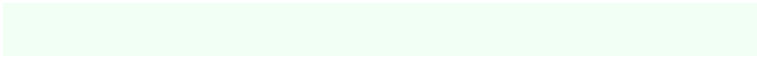
20.3446, 21.4041, 23.3091

Same Dimension

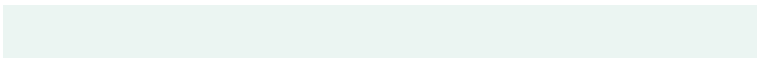
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2019, 89.0852, 92.9847



88.9146, 97.0218, 100.2663



82.9182, 89.3717, 96.7569



17.2693, 18.9393, 19.4288



17.9279, 35.3160, 7.6400



1.6107, 3.1179, 0.8560

Inverse Universe

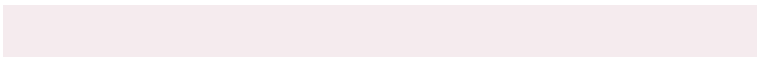
The Inverse Universe completely reimagines the original color for something new.



83.5454, 85.3024, 96.8601



90.7088, 91.9701, 105.4416



82.8245, 85.0141, 93.0636



17.6669, 17.8199, 20.5756



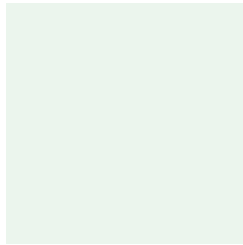
25.7056, 12.6257, 29.4875



2.2945, 1.1238, 2.7772

Previews

White Background



This preview shows how the XYZ color 82.1994, 89.0814, 92.9828 looks on a white background.

Color Contrast Check

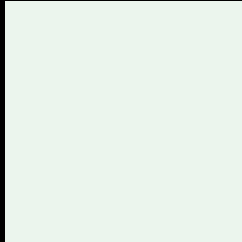
Large Text (above 18pt) WCAG AA × Fail

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 82.1994, 89.0814, 92.9828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

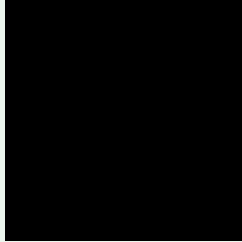
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

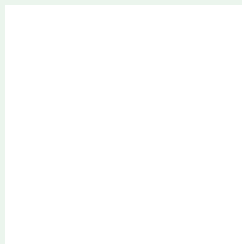
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1994, 89.0814, 92.9828

Background



This preview shows how black text looks on a background with the XYZ color 82.1994, 89.0814, 92.9828.



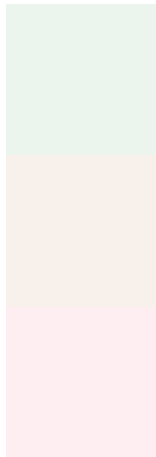
This preview shows how white text looks on a background with the XYZ color 82.1994, 89.0814,

92.9828.

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

82.1994, 89.0814, 92.9828

Protanopia

85.1621, 88.8652, 91.2614

Deuteranopia

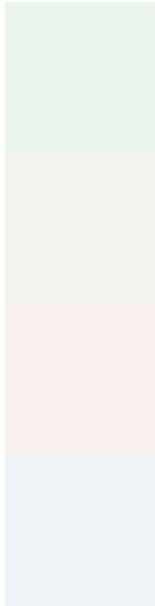
87.6917, 88.7599, 95.7296



Tritanopia

85.7373, 89.2495, 107.3158

Trichromacy



Original Color

82.1994, 89.0814, 92.9828

Protanomaly

83.8546, 88.6151, 92.0417

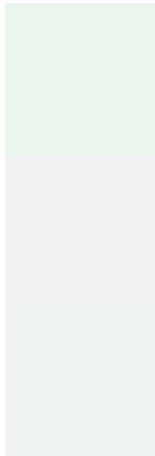
Deuteranomaly

85.8949, 89.1583, 95.1202

Tritanomaly

84.2538, 89.0556, 101.5557

Monochromacy



Original Color

82.1994, 89.0814, 92.9828

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.0769, 88.1463, 95.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1994, 89.0814, 92.9828 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(235, 245, 237) looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 237)  
}
```

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(235, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.1994, 89.0814, 92.9828 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(235, 245, 237) }
```


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

```
.border{ border-color:rgb(235, 245, 237) }
```

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

Here you see how a box with a 4 pixel rgb(235, 245, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1994, 89.0814, 92.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 237) }
```

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

```
.background{ background-color: rgb(235,  
245, 237) }
```

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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