

Converting Colors

XYZ(82.2854, 89.1925, 89.9698)

Have a look what the booklet for
XYZ(82.2854, 89.1925, 89.9698)
contains.

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Color

**XYZ(82.2854, 89.1925,
89.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF5E9
RGB	237, 245, 233
RGB Percent	93%, 96%, 91%
CMY	0.0706, 0.0392, 0.0863
CMYK	0.03, 0.00, 0.05, 0.04
HSL	100°, 38%, 94%
HSV	100°, 5%, 96%
XYZ	82.2854, 89.1925, 89.9698
YIQ	241.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

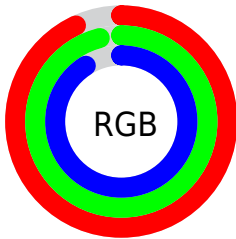
Format	Color
R _Y B	233, 245, 241
Decimal	15594985
CIE Lab	95.66, -4.76, 4.84
CIE LCh	96, 6.789, 134.495
Yxy	89.1925, 0.3147, 0.3411
Android (android.graphics.Color)	4293785065 (0xFFEDF5E9)
YUV	241.2400, -4.0623, -3.7185
Hunter-Lab	94.4418, -9.7493, 9.6267

Details

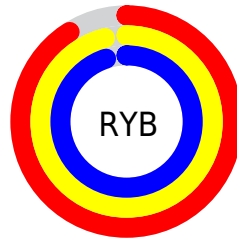
The XYZ color **82.2854, 89.1925, 89.9698** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.8995, 83.5737, 98.2056**, and the grayscale version is **83.8317, 88.1975, 96.0471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1895, 49.3933, 48.7471** is the 20% darker color. If you saturate the color by 10%, you get **73.8177, 85.2065, 72.5543**, and if you desaturate by 10%, it is **91.3356, 93.4746, 107.8362**.

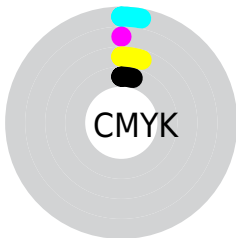
Distribution



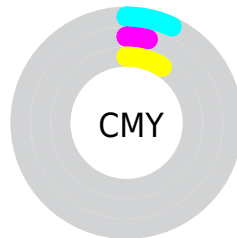
- Red (93%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2854, 89.1925, 89.9698 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 82.2854, 89.1925, 89.9698 by changing the saturation by 10% instead.

82.2854, 89.1925,
89.9698

82.2854, 89.1925,
89.9698

491.2219,
525.4006, 548.5002

61.9157, 67.3111,
67.3820

135.5079,
146.2162, 149.2316

45.2199, 49.3375,
48.9316

169.0914,
182.1274, 186.7427

31.8327, 34.8873,
34.2000

207.8103,
223.4838, 230.0653

21.3887, 23.5761,
22.7687

252.0298,
270.6701, 279.6180

13.5225, 15.0194,
14.2191

302.1154,
324.0705, 335.8193

7.8688, 8.8330,
8.1327

358.4323,

4.0622, 4.6324,

384.0694, 399.0877

4.0910

421.3461,
451.0513, 469.8418

■ 1.7374, 2.0333,
1.6754

■ 0.4795, 0.6267,
0.3438

■ 82.2854, 89.1925,
89.9698

■ 82.2854, 89.1925,
89.9698

■ 73.8177, 85.2065,
72.5543

■ 91.3356, 93.4746,
107.8362

■ 66.2974, 81.6526,
57.6141

■ 91.9441, 93.7883,
107.8647

■ 59.6920, 78.5189,
45.0384

■ 53.9642, 75.7889,
34.7060

■ 49.0739, 73.4447,
26.4845

■ 44.9774, 71.4672,
20.2277

■ 41.6269, 69.8350,
15.7711

■ 38.9679, 68.5246,
12.9228

■ 36.9366, 67.5080,
11.4476

Harmonies

Analogous

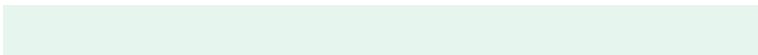
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8801, 89.1925, 87.5044



82.2854, 89.1925, 89.9698



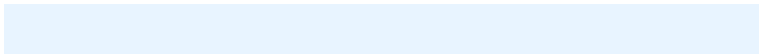
81.3648, 89.1925, 94.3948

Triad

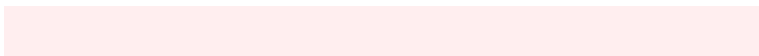
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2854, 89.1925, 89.9698



83.8194, 89.1925, 107.3556



88.2956, 89.1925, 94.5666

Complementary

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



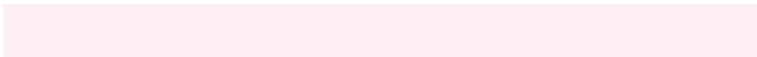
82.2854, 89.1925, 89.9698



81.8995, 83.5737, 98.2056

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.



88.2788, 89.1925, 99.8879



82.2854, 89.1925, 89.9698



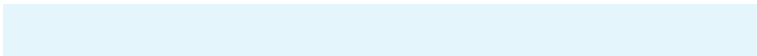
85.6759, 89.1925, 107.4058

Square

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



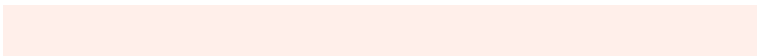
82.2854, 89.1925, 89.9698



82.2416, 89.1925, 104.4953



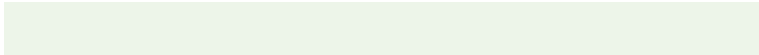
87.3139, 89.1925, 104.6298



87.3595, 89.1925, 90.0916

Rectangle

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



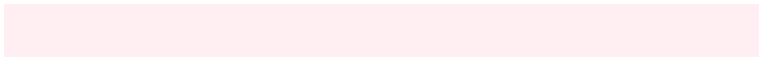
82.2854, 89.1925, 89.9698



81.2486, 89.1925, 97.9229



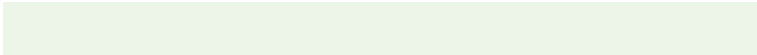
87.3139, 89.1925, 104.6298



88.4016, 89.1925, 96.3125

Sweetspot

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



82.2879, 89.1963, 89.9717



94.0193, 99.5158, 106.7229



83.8230, 88.2100, 89.7005



20.1349, 21.3056, 22.8660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

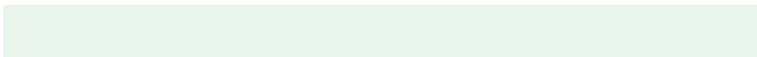
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2879, 89.1963, 89.9717



89.0293, 97.1696, 96.2679



81.2548, 88.6305, 91.4240



17.3306, 18.9888, 18.6213



19.5785, 36.2059, 5.9565



1.8253, 3.2360, 0.5284

Inverse Universe

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



81.8995, 83.5737, 98.2056



88.5112, 89.6696, 107.2507



82.9760, 84.1637, 96.6700



17.2189, 17.3725, 20.9883



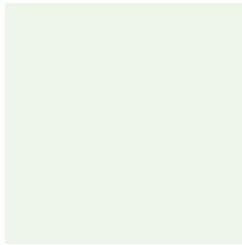
17.2095, 7.8462, 47.1454



1.6212, 0.7456, 4.1487

Previews

White Background



This preview shows how the XYZ color 82.2854, 89.1925, 89.9698 looks on a white background.

Color Contrast Check

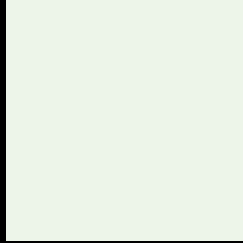
Large Text (above 18pt) WCAG AA × Fail

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 82.2854, 89.1925, 89.9698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

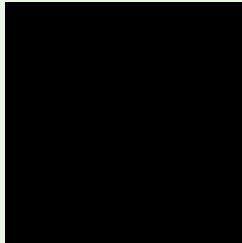
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

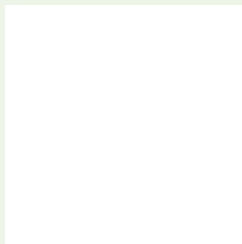
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2854, 89.1925, 89.9698

Background



This preview shows how black text looks on a background with the XYZ color 82.2854, 89.1925, 89.9698.



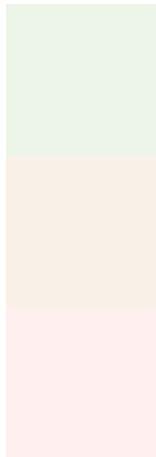
This preview shows how white text looks on a background with the XYZ color 82.2854, 89.1925, 89.9698.

89.9698.

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

82.2854, 89.1925, 89.9698

Protanopia

84.9460, 88.8199, 88.2681

Deuteranopia

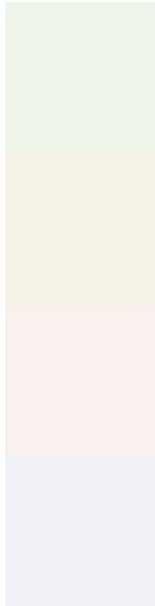
87.6865, 89.2250, 94.2619



Tritanopia

86.1232, 89.0078, 107.2488

Trichromacy



Original Color

82.2854, 89.1925, 89.9698

Protanomaly

83.9738, 88.7429, 89.0471

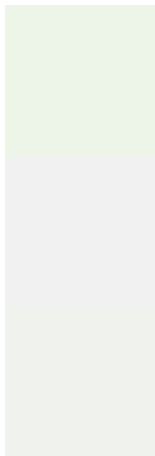
Deuteranomaly

85.4528, 88.9815, 92.7921

Tritanomaly

84.4758, 88.7449, 100.6728

Monochromacy



Original Color

82.2854, 89.1925, 89.9698

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1199, 88.2026, 93.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2854, 89.1925, 89.9698 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(237, 245, 233) looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 233)  
}
```

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(237, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 233) }
```

Border

The CSS property to change the border of an element to XYZ 82.2854, 89.1925, 89.9698 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(237, 245, 233) }
```


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

```
.border{ border-color:rgb(237, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 245,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2854, 89.1925, 89.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 233) }
```

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

```
.background{ background-color: rgb(237,  
245, 233) }
```

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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