

Converting Colors

XYZ(82.8894, 89.5172, 89.3183)

Have a look what the booklet for
XYZ(82.8894, 89.5172, 89.3183)
contains.

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Color

**XYZ(82.8145, 89.4817,
89.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF5E8
RGB	239, 245, 232
RGB Percent	94%, 96%, 91%
CMY	0.0627, 0.0392, 0.0902
CMYK	0.02, 0.00, 0.05, 0.04
HSL	88°, 39%, 94%
HSV	88°, 5%, 96%
XYZ	82.8145, 89.4817, 89.2508
YIQ	241.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

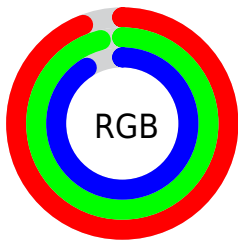
Format	Color
R_{YB}	232, 245, 238
Decimal	15726056
CIE _{Lab}	95.78, -4.26, 5.55
CIE _{LCh}	96, 6.997, 127.490
Yxy	89.4817, 0.3166, 0.3421
Android (android.graphics.Color)	4293916136 (0xFFEFF5E8)
YUV	241.7240, -4.7939, -2.3889
Hunter-Lab	94.5948, -9.2702, 10.2758

Details

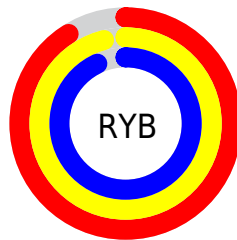
The XYZ color **82.8145, 89.4817, 89.2508** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6013, 82.4853, 98.0639**, and the grayscale version is **84.2184, 88.6043, 96.4901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5625, 49.5971, 48.2461** is the 20% darker color. If you saturate the color by 10%, you get **75.8744, 86.2810, 72.0081**, and if you desaturate by 10%, it is **90.2411, 92.9103, 107.7850**.

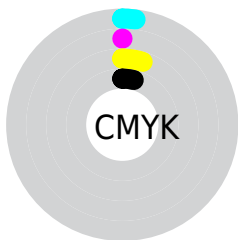
Distribution



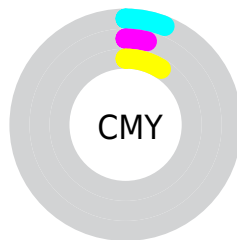
- Red (94%)
- Green (96%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8145, 89.4817, 89.2508 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 82.8145, 89.4817, 89.2508 by changing the saturation by 10% instead.

82.8145, 89.4817,
89.2508

82.8145, 89.4817,
89.2508

492.9614,
526.3434, 546.0978

62.3535, 67.5508,
66.7892

136.2455,
146.6182, 148.2237

45.5751, 49.5324,
48.4528

169.9462,
182.5927, 185.5721

32.1139, 35.0420,
33.8231

208.7909,
224.0172, 228.7198

21.6044, 23.6952,
22.4815

253.1450,
271.2761, 278.0855

13.6815, 15.1077,
14.0094

303.3737,
324.7537, 334.0876

7.9797, 8.8950,
7.9884

359.8424,

4.1337, 4.6728,

384.8346, 397.1446

3.9998

422.9165,
451.9030, 467.6752

■ 1.7780, 2.0566,
1.6253

■ 0.5044, 0.6400,
0.3087

■ 82.8145, 89.4817,
89.2508

■ 82.8145, 89.4817,
89.2508

■ 75.8744, 86.2810,
72.0081

■ 90.2411, 92.9103,
107.7850

■ 69.6317, 83.3836,
57.2247

■ 91.9441, 93.7883,
107.8647

■ 64.0634, 80.7824,
44.7899

■ 59.1416, 78.4660,
34.5824

■ 54.8367, 76.4218,
26.4699

■ 51.1160, 74.6363,
20.3061

■ 47.9431, 73.0943,
15.9260

■ 45.2763, 71.7784,
13.1372

■ 43.0651, 70.6680,
11.7024

Harmonies

Analogous

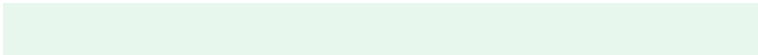
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5676, 89.4817, 87.2836



82.8145, 89.4817, 89.2508



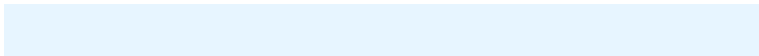
81.6725, 89.4817, 93.4240

Triad

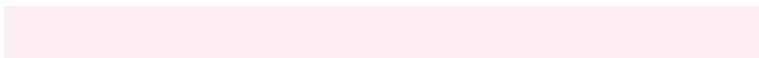
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8145, 89.4817, 89.2508



83.6390, 89.4817, 107.5657



88.7764, 89.4817, 96.0537

Complementary

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



82.8145, 89.4817, 89.2508



80.6013, 82.4853, 98.0639

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.



88.5187, 89.4817, 101.5497



82.8145, 89.4817, 89.2508



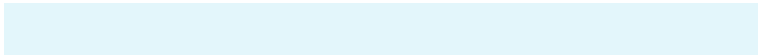
85.5335, 89.4817, 108.3345

Square

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



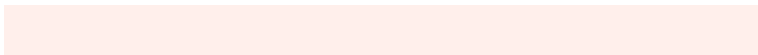
82.8145, 89.4817, 89.2508



82.1435, 89.4817, 104.0324



87.3247, 89.4817, 106.0950



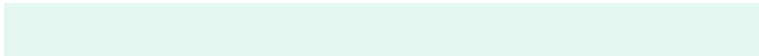
88.0236, 89.4817, 91.1137

Rectangle

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



82.8145, 89.4817, 89.2508



81.4015, 89.4817, 96.9663



87.3247, 89.4817, 106.0950



88.8053, 89.4817, 97.8959

Sweetspot

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



82.8170, 89.4856, 89.2527



93.3786, 99.2320, 104.5924



82.7558, 86.3036, 88.6418



20.0044, 21.2478, 22.4322



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.



82.8170, 89.4856, 89.2527



90.1322, 97.7382, 96.3195



80.7106, 88.3997, 89.1542



17.5681, 19.1113, 18.6324



22.8683, 37.9018, 6.1105



2.1284, 3.3923, 0.5426

Inverse Universe

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



80.6013, 82.4853, 98.0639



87.3966, 89.0950, 107.1985



82.7711, 83.6039, 98.1654



16.9785, 17.2486, 20.9770



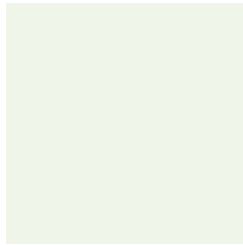
12.7120, 5.5276, 46.9350



1.2345, 0.5463, 4.1306

Previews

White Background



This preview shows how the XYZ color 82.8145, 89.4817, 89.2508 looks on a white background.

Color Contrast Check

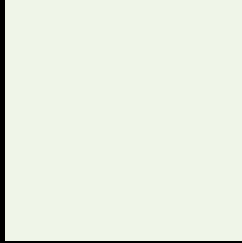
Large Text (above 18pt) WCAG AA × Fail

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 82.8145, 89.4817, 89.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

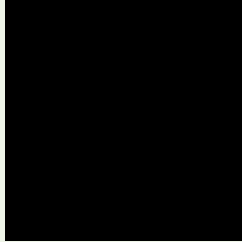
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

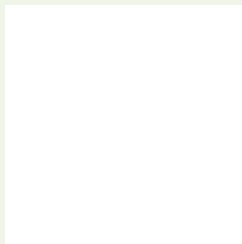
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8145, 89.4817, 89.2508

Background



This preview shows how black text looks on a background with the XYZ color 82.8145, 89.4817, 89.2508.



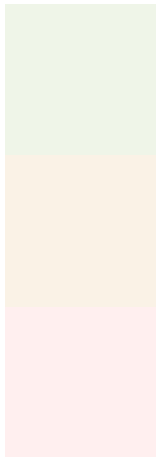
This preview shows how white text looks on a background with the XYZ color 82.8145, 89.4817,

89.2508.

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

82.8145, 89.4817, 89.2508

Protanopia

85.4594, 89.5414, 87.6419

Deuteranopia

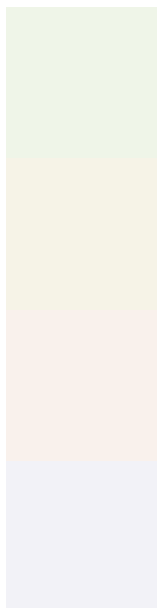
87.6865, 89.2250, 94.2619



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

82.8145, 89.4817, 89.2508

Protanomaly

84.4804, 89.4635, 88.4169

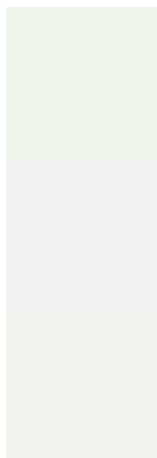
Deuteranomaly

85.6625, 89.1065, 92.0412

Tritanomaly

85.1586, 89.0969, 100.7048

Monochromacy



Original Color

82.8145, 89.4817, 89.2508

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7588, 88.9750, 93.6482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8145, 89.4817, 89.2508 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(239, 245, 232) looks like.

```
.text, #text, p{  
    color:rgb(239, 245, 232)  
}
```

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(239, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.8145, 89.4817, 89.2508 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(239, 245, 232) }
```


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

```
.border{ border-color:rgb(239, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(239, 245,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8145, 89.4817, 89.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 245, 232) }
```

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

```
.background{ background-color: rgb(239,  
245, 232) }
```

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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