

Converting Colors

XYZ(82.9465, 88.9246, 91.3042)

Have a look what the booklet for
XYZ(82.9465, 88.9246, 91.3042)
contains.

XYZ(82.9427, 89.0502, 91.4141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9427, 89.0502,
91.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF4EB
RGB	239, 244, 235
RGB Percent	94%, 96%, 92%
CMY	0.0627, 0.0431, 0.0784
CMYK	0.02, 0.00, 0.04, 0.04
HSL	93°, 29%, 94%
HSV	93°, 4%, 96%
XYZ	82.9427, 89.0502, 91.4141
YIQ	241.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

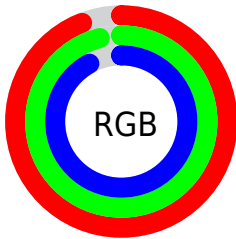
Format	Color
R _Y B	235, 244, 240
Decimal	15725803
CIE Lab	95.60, -3.24, 3.74
CIE LCh	96, 4.947, 130.862
Yxy	89.0502, 0.3149, 0.3381
Android (android.graphics.Color)	4293915883 (0xFFEFF4EB)
YUV	241.4790, -3.1941, -2.1741
Hunter-Lab	94.3664, -8.2499, 8.6214

Details

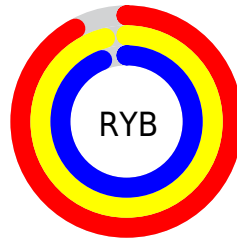
The XYZ color **82.9427, 89.0502, 91.4141** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9759, 84.4759, 97.5773**, and the grayscale version is **84.0131, 88.3883, 96.2549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6483, 49.2884, 49.7555** is the 20% darker color. If you saturate the color by 10%, you get **75.2493, 85.4664, 73.8968**, and if you desaturate by 10%, it is **90.7513, 92.7254, 107.7224**.

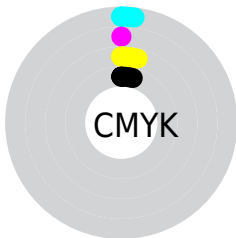
Distribution



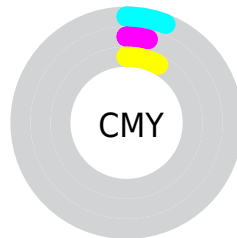
- Red (94%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (94%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9427, 89.0502, 91.4141 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 82.9427, 89.0502, 91.4141 by changing the saturation by 10% instead.

82.9427, 89.0502,
91.4141

82.9427, 89.0502,
91.4141

493.3824,
524.9363, 553.3086

62.4596, 67.1932,
68.5738

136.4241,
146.0184, 151.2537

45.6612, 49.2416,
49.8951

170.1532,
181.8983, 189.0901

32.1820, 34.8112,
34.9594

209.0284,
223.2213, 232.7623

21.6568, 23.5175,
23.3483

253.4149,
270.3718, 282.6887

13.7201, 14.9761,
14.6432

303.6783,
323.7341, 339.2881

8.0067, 8.8026,
8.4255

360.1837,

4.1511, 4.6126,

383.6927, 402.9788

4.2768

423.2966,
450.6320, 474.1794

■ 1.7879, 2.0218,
1.7784

■ 0.5104, 0.6201,
0.4136

■ 82.9427, 89.0502,
91.4141

■ 82.9427, 89.0502,
91.4141

■ 75.2493, 85.4664,
73.8968

■ 90.7513, 92.7254,
107.7224

■ 68.3535, 82.2377,
58.8371

■ 91.6424, 93.1848,
107.7641

■ 62.2292, 79.3555,
46.1266

■ 56.8458, 76.8067,
35.6465

■ 52.1706, 74.5771,
27.2676

■ 48.1680, 72.6516,
20.8475

■ 44.7983, 71.0133,
16.2259

■ 42.0171, 69.6433,
13.2174

■ 39.7715, 68.5192,
11.5963

Harmonies

Analogous

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



84.1485, 89.0502, 89.8002



82.9427, 89.0502, 91.4141



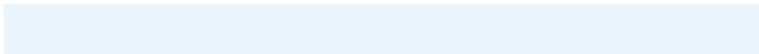
82.1966, 89.0502, 94.5294

Triad

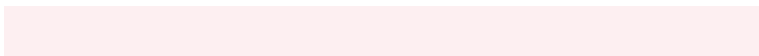
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9427, 89.0502, 91.4141



83.7864, 89.0502, 104.1984



87.2299, 89.0502, 95.5582

Complementary

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



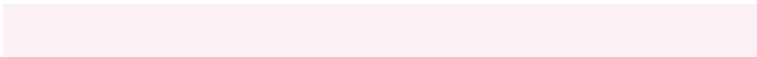
82.9427, 89.0502, 91.4141



81.9759, 84.4759, 97.5773

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.



87.1304, 89.0502, 99.4330



82.9427, 89.0502, 91.4141



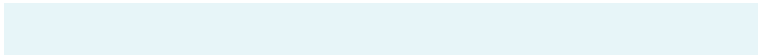
85.1325, 89.0502, 104.4917

Square

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



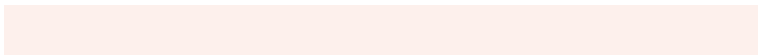
82.9427, 89.0502, 91.4141



82.6801, 89.0502, 101.9358



86.3594, 89.0502, 102.7269



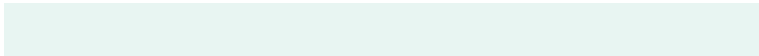
86.6297, 89.0502, 92.1499

Rectangle

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



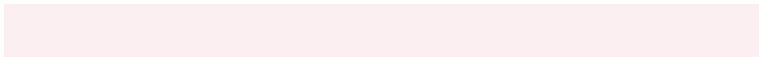
82.9427, 89.0502, 91.4141



82.0554, 89.0502, 97.0730



86.3594, 89.0502, 102.7269



87.2773, 89.0502, 96.8481

Sweetspot

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



82.9452, 89.0540, 91.4160



94.1226, 99.5690, 106.7277



83.4523, 87.5254, 91.0943



20.1559, 21.3164, 22.8670



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

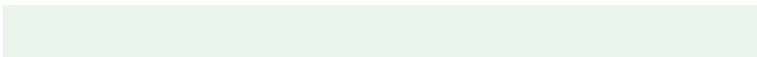
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9452, 89.0540, 91.4160



91.3960, 98.3010, 100.3831



81.6747, 88.3915, 91.6966



17.7850, 19.2068, 19.3784



21.1310, 37.0062, 6.0292



1.9734, 3.3124, 0.5353

Inverse Universe

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



81.9759, 84.4759, 97.5773



90.2345, 92.8146, 107.7669



83.2807, 85.1564, 97.2819



17.5170, 17.9408, 21.0822



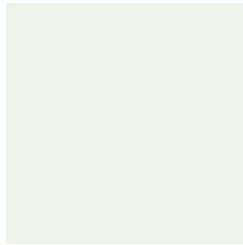
14.5246, 6.4621, 47.0198



1.3947, 0.6288, 4.1381

Previews

White Background



This preview shows how the XYZ color 82.9427, 89.0502, 91.4141 looks on a white background.

Color Contrast Check

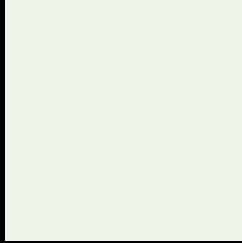
Large Text (above 18pt) WCAG AA × Fail

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 82.9427, 89.0502, 91.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

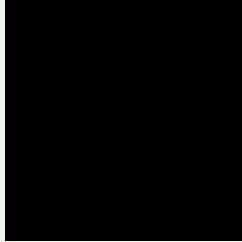
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

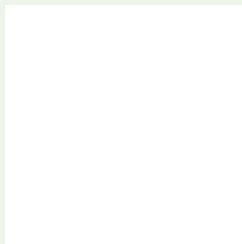
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9427, 89.0502, 91.4141

Background



This preview shows how black text looks on a background with the XYZ color 82.9427, 89.0502, 91.4141.



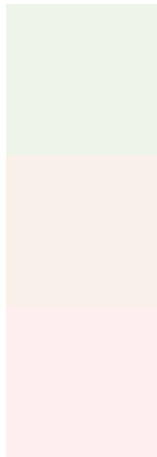
This preview shows how white text looks on a background with the XYZ color 82.9427, 89.0502,

91.441.

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

82.9427, 89.0502, 91.4141

Protanopia

85.2302, 88.9335, 89.7646

Deuteranopia

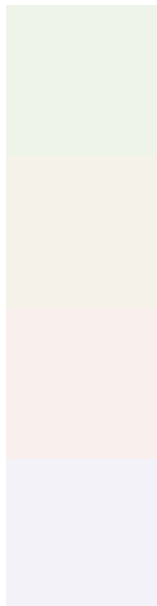
87.5427, 88.7003, 94.9450



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

82.9427, 89.0502, 91.4141

Protanomaly

84.2596, 88.8573, 90.5521

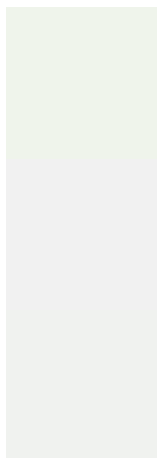
Deuteranomaly

85.6596, 88.6330, 93.4820

Tritanomaly

85.3134, 89.1588, 101.5198

Monochromacy



Original Color

82.9427, 89.0502, 91.4141

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2673, 88.2615, 94.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9427, 89.0502, 91.4141 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, 244, 235) looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 235)  
}
```

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, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.9427, 89.0502, 91.4141 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, 244, 235) }
```


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

```
.border{ border-color:rgb(239, 244, 235) }
```

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

Here you see how a box with a 4 pixel rgb(239, 244, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9427, 89.0502, 91.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 235) }
```

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

```
.background{ background-color: rgb(239,  
244, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor