

Converting Colors

XYZ(79.1821, 85.8905, 84.5286)

Have a look what the booklet for
XYZ(79.1821, 85.8905, 84.5286)
contains.

XYZ(79.1144, 85.8940, 84.3609)	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(79.1144, 85.8940,
84.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF1E2
RGB	234, 241, 226
RGB Percent	92%, 95%, 89%
CMY	0.0823, 0.0549, 0.1137
CMYK	0.03, 0.00, 0.06, 0.05
HSL	88°, 35%, 92%
HSV	88°, 6%, 95%
XYZ	79.1144, 85.8940, 84.3609
YIQ	237.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

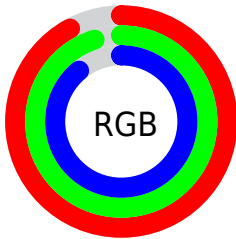
Format	Color
R_{YB}	226, 241, 233
Decimal	15397346
CIE Lab	94.27, -4.95, 6.42
CIE LCh	94, 8.111, 127.629
Yxy	85.8940, 0.3173, 0.3444
Android (android.graphics.Color)	4293587426 (0xFFEAF1E2)
YUV	237.1970, -5.5201, -2.8038
Hunter-Lab	92.6790, -9.8138, 10.9067

Details

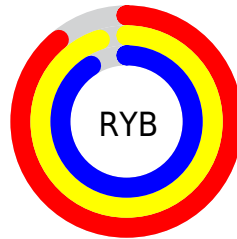
The XYZ color **79.1144, 85.8940, 84.3609** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.6812, 78.0696, 94.2510**, and the grayscale version is **80.6909, 84.8931, 92.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0597, 47.1032, 45.3504** is the 20% darker color. If you saturate the color by 10%, you get **72.4604, 82.8219, 67.9829**, and if you desaturate by 10%, it is **86.4727, 89.2805, 103.2019**.

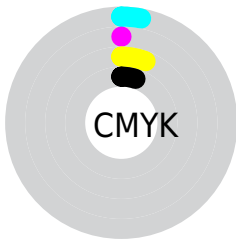
Distribution



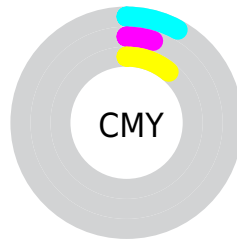
- Red (92%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1144, 85.8940, 84.3609 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 79.1144, 85.8940, 84.3609 by changing the saturation by 10% instead.

79.1144, 85.8940,
84.3609

79.1144, 85.8940,
84.3609

480.7254,
514.5816, 529.6003

59.2958, 64.5803,
62.7663

131.0770,
141.6216, 141.3461

43.0986, 47.1209,
45.2124

163.9517,
176.8042, 177.5739

30.1573, 33.1312,
31.2806

201.9092,
217.3787, 219.5164

20.1067, 22.2270,
20.5524

245.3148,
263.7293, 267.5923

12.5813, 14.0238,
12.6091

294.5338,
316.2406, 322.2201

7.2159, 8.1372,
7.0324

349.9317,

3.6450, 4.1829,

375.2967, 383.8184

3.4036

411.8738,
441.2823, 452.8056

■ 1.5033, 1.7764,
1.3042

■ 0.3281, 0.4724,
0.0653

■ 79.1144, 85.8940,
84.3609

■ 79.1144, 85.8940,
84.3609

■ 72.4604, 82.8219,
67.9829

■ 86.4727, 89.2805,
103.2019

■ 66.4799, 80.0430,
53.9606

■ 90.7470, 91.3940,
107.4657

■ 61.1503, 77.5506,
42.1868

■ 56.4447, 75.3333,
32.5442

■ 52.3342, 73.3790,
24.9047

■ 48.7868, 71.6745,
19.1264

■ 45.7671, 70.2050,
15.0487

■ 43.2343, 68.9534,
12.4840

■ 41.1387, 67.8993,
11.1989

Harmonies

Analogous

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



81.0861, 85.8940, 82.1548



79.1144, 85.8940, 84.3609



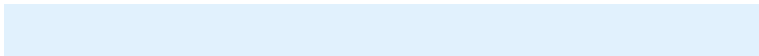
77.8354, 85.8940, 89.0419

Triad

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



79.1144, 85.8940, 84.3609



80.0593, 85.8940, 105.0352



85.8526, 85.8940, 91.9439

Complementary

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



79.1144, 85.8940, 84.3609



76.6812, 78.0696, 94.2510

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.



85.5659, 85.8940, 98.1540



79.1144, 85.8940, 84.3609



82.1958, 85.8940, 105.8964

Square

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



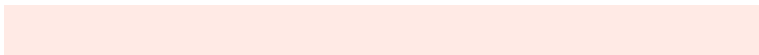
79.1144, 85.8940, 84.3609



78.3741, 85.8940, 101.0240



84.2181, 85.8940, 103.3276



84.9947, 85.8940, 86.4046

Rectangle

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



79.1144, 85.8940, 84.3609



77.5346, 85.8940, 93.0297



84.2181, 85.8940, 103.3276



85.8872, 85.8940, 94.0200

Sweetspot

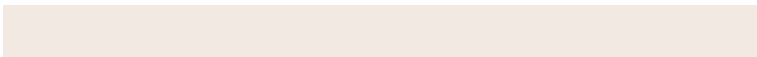
The Sweet Spot groups the original color and five complimentary colors.



79.1168, 85.8977, 84.3628



93.3691, 99.2271, 104.5920



79.1452, 82.4727, 83.7002



20.0025, 21.2468, 22.4321



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

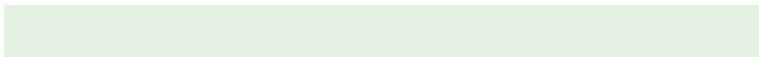
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1168, 85.8977, 84.3628



89.3084, 97.3568, 94.3204



76.7064, 84.6551, 84.2500



16.6467, 18.1986, 17.4621



22.0823, 36.7054, 5.9210



1.9518, 3.1127, 0.4979

Inverse Universe

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



76.6812, 78.0696, 94.2510



86.2026, 87.3748, 106.9294



79.1820, 79.3588, 94.3680



16.0211, 16.1880, 20.0018



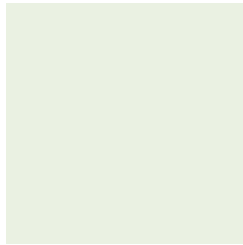
12.4212, 5.4088, 45.5172



1.1471, 0.5086, 3.7919

Previews

White Background



This preview shows how the XYZ color 79.1144, 85.8940, 84.3609 looks on a white background.

Color Contrast Check

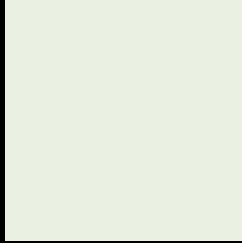
Large Text (above 18pt) WCAG AA × Fail

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 79.1144, 85.8940, 84.3609 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

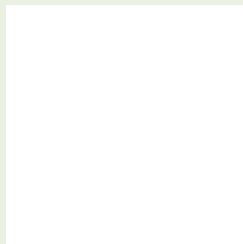
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1144, 85.8940, 84.3609

Background



This preview shows how black text looks on a background with the XYZ color 79.1144, 85.8940, 84.3609.



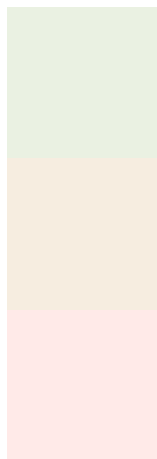
This preview shows how white text looks on a background with the XYZ color 79.1144, 85.8940,

84.3609.

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

79.1144, 85.8940, 84.3609

Protanopia

81.7448, 85.5430, 82.7241

Deuteranopia

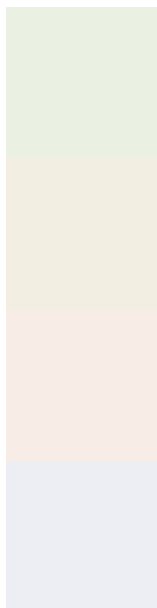
85.2283, 85.9318, 88.4384



Tritanopia

83.5941, 85.9655, 106.7949

Trichromacy



Original Color

79.1144, 85.8940, 84.3609

Protanomaly

80.7831, 85.4626, 83.4724

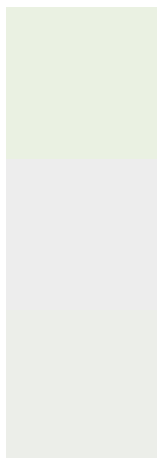
Deuteranomaly

82.9249, 86.0557, 87.1027

Tritanomaly

81.8287, 85.6852, 97.8140

Monochromacy



Original Color

79.1144, 85.8940, 84.3609

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8746, 84.8651, 89.2616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1144, 85.8940, 84.3609 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(234, 241, 226) looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 226)  
}
```

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(234, 241, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.1144, 85.8940, 84.3609 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(234, 241, 226) }
```


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

```
.border{ border-color:rgb(234, 241, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 241, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1144, 85.8940, 84.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 226) }
```

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

```
.background{ background-color: rgb(234,  
241, 226) }
```

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