

Converting Colors

XYZ(79.2585, 84.0751, 89.8466)

Have a look what the booklet for
XYZ(79.2585, 84.0751, 89.8466)
contains.

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Color

**XYZ(79.3964, 84.1711,
89.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDEA
RGB	235, 237, 234
RGB Percent	92%, 93%, 92%
CMY	0.0784, 0.0706, 0.0823
CMYK	0.01, 0.00, 0.01, 0.07
HSL	100°, 8%, 92%
HSV	100°, 1%, 93%
XYZ	79.3964, 84.1711, 89.9039
YIQ	236.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

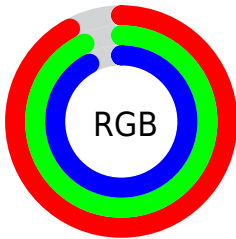
Format	Color
RYB	234, 237, 236
Decimal	15461866
CIELab	93.52, -1.19, 1.21
CIELCh	94, 1.697, 134.734
Yxy	84.1711, 0.3132, 0.3321
Android (android.graphics.Color)	4293651946 (0xFFEBEDEA)
YUV	236.0600, -1.0156, -0.9296
Hunter-Lab	91.7448, -6.0787, 6.1211

Details

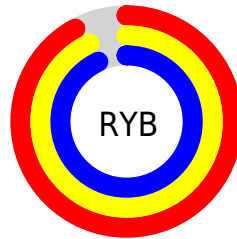
The XYZ color **79.3964, 84.1711, 89.9039** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.3043, 82.7952, 91.9265**, and the grayscale version is **79.7845, 83.9395, 91.4101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1502, 45.8458, 48.6943** is the 20% darker color. If you saturate the color by 10%, you get **71.2262, 80.3291, 72.9207**, and if you desaturate by 10%, it is **88.0529, 88.2666, 107.0040**.

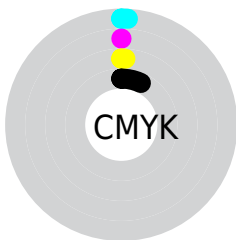
Distribution



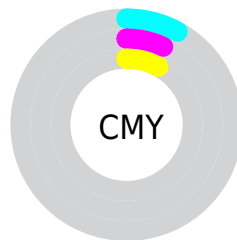
- Red (92%)
- Green (93%)
- Blue (92%)



- Red (92%)
- Yellow (93%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3964, 84.1711, 89.9039 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 79.3964, 84.1711, 89.9039 by changing the saturation by 10% instead.

■ 79.3964, 84.1711,
89.9039

■ 79.3964, 84.1711,
89.9039

481.6639,
508.8812, 548.2802

■ 59.5285, 63.1567,
67.3277

131.4718,
139.2145, 149.1393

■ 43.2867, 45.9680,
48.8877

164.4100,
174.0123, 186.6355

■ 30.3057, 32.2206,
34.1654

202.4356,
214.1733, 229.9421

■ 20.2199, 21.5300,
22.7423

245.9142,
260.0820, 279.4777

■ 12.6642, 13.5120,
14.1998

295.2109,
312.1228, 335.6607

■ 7.2731, 7.7820,
8.1195

350.6912,

■ 3.6813, 3.9558,

370.6800, 398.9098

4.0826

412.7204,
436.1380, 469.6435

■ 1.5235, 1.6489,
1.6708

■ 0.3417, 0.3902,
0.3406

■ 79.3964, 84.1711,
89.9039

■ 79.3964, 84.1711,
89.9039

■ 71.2262, 80.3291,
72.9207

■ 88.0529, 88.2666,
107.0040

■ 63.9434, 76.8916,
58.2612

■ 89.5759, 89.0517,
107.0753

■ 57.5187, 73.8481,
45.8259

■ 51.9184, 71.1837,
35.5060

■ 47.1066, 68.8823,
27.1834

■ 43.0443, 66.9268,
20.7285

■ 39.6888, 65.2982,
15.9965

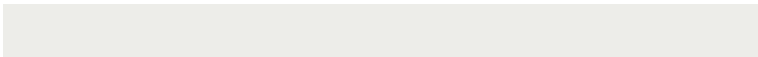
■ 36.9924, 63.9757,
12.8210

■ 34.9002, 62.9352,
11.0031

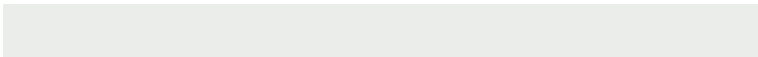
Harmonies

Analogous

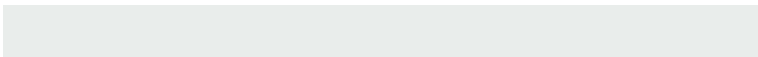
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7829, 84.1711, 89.2790



79.3964, 84.1711, 89.9039



79.1727, 84.1711, 90.9990

Triad

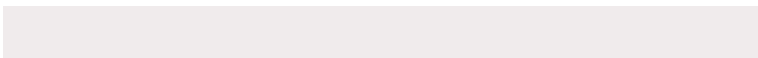
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3964, 84.1711, 89.9039



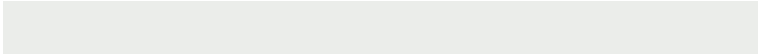
79.7752, 84.1711, 94.0525



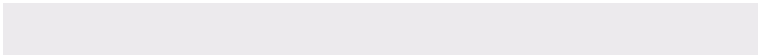
80.8394, 84.1711, 91.0210

Complementary

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



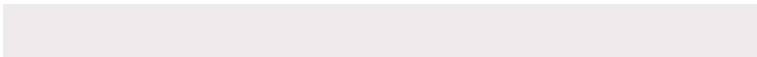
79.3964, 84.1711, 89.9039



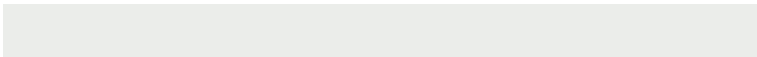
79.3043, 82.7952, 91.9265

Split Complementary

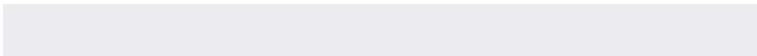
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8373, 84.1711, 92.3001



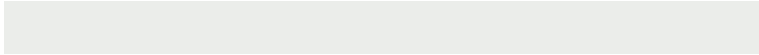
79.3964, 84.1711, 89.9039



80.2217, 84.1711, 94.0585

Square

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



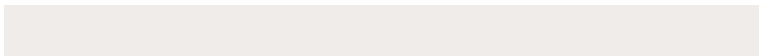
79.3964, 84.1711, 89.9039



79.3908, 84.1711, 93.3981



80.6109, 84.1711, 93.4146



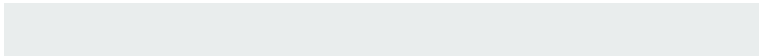
80.6166, 84.1711, 89.9199

Rectangle

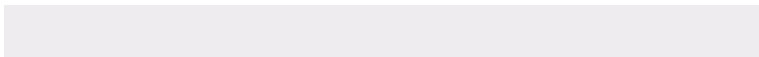
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



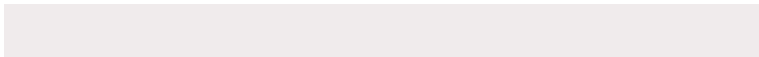
79.3964, 84.1711, 89.9039



79.1453, 84.1711, 91.8521



80.6109, 84.1711, 93.4146



80.8650, 84.1711, 91.4442

Sweetspot

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



79.3988, 84.1747, 89.9057

95.0500, 100.0000, 108.9000



79.7752, 83.9396, 89.8405



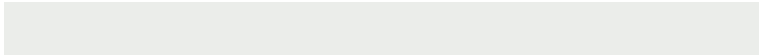
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

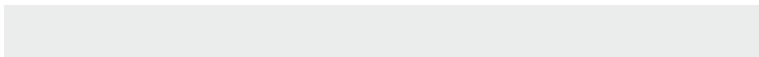
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3988, 84.1747, 89.9057



92.9988, 99.0362, 104.5746



79.1417, 84.0338, 90.2698



16.6554, 17.7242, 18.7491



18.4126, 34.0365, 5.5993



1.5444, 2.7235, 0.4443

Inverse Universe

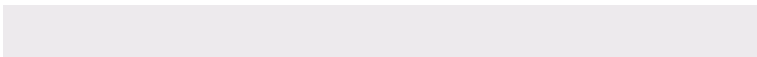
The Inverse Universe completely reimagines the original color for something new.



79.3043, 82.7952, 91.9265



92.8229, 96.4686, 108.3358



79.5641, 82.9376, 91.5573



16.6257, 17.2911, 19.3835



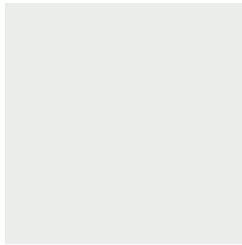
16.2029, 7.3888, 44.3152



1.3735, 0.6324, 3.4845

Previews

White Background



This preview shows how the XYZ color 79.3964, 84.1711, 89.9039 looks on a white background.

Color Contrast Check

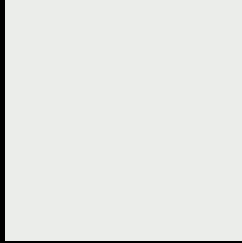
Large Text (above 18pt) WCAG AA × Fail

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 79.3964, 84.1711, 89.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

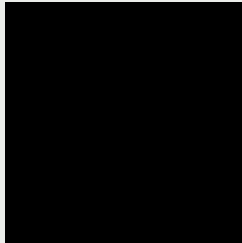
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

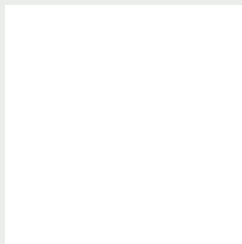
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3964, 84.1711, 89.9039

Background



This preview shows how black text looks on a background with the XYZ color 79.3964, 84.1711, 89.9039.



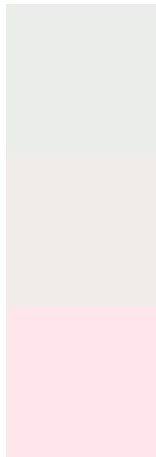
This preview shows how white text looks on a background with the XYZ color 79.3964, 84.1711,

89.9039.

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

79.3964, 84.1711, 89.9039

Protanopia

80.6919, 84.0006, 89.0516

Deuteranopia

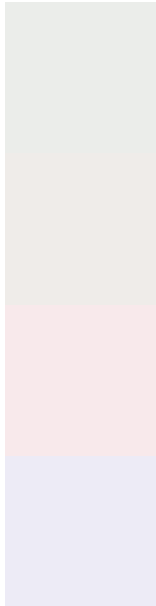
84.6771, 83.9098, 91.0901



Tritanopia

82.4123, 84.1146, 104.8207

Trichromacy



Original Color

79.3964, 84.1711, 89.9039

Protanomaly

80.3000, 84.2248, 89.1155

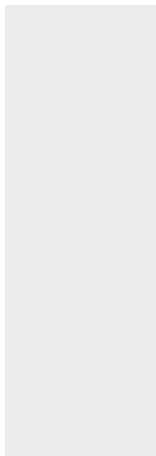
Deuteranomaly

82.8457, 84.2324, 90.4893

Tritanomaly

81.2679, 84.0750, 99.1336

Monochromacy



Original Color

79.3964, 84.1711, 89.9039

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5829, 83.8219, 90.5820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3964, 84.1711, 89.9039 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, 237, 234) looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 234)  
}
```

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, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.3964, 84.1711, 89.9039 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, 237, 234) }
```

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

```
.border{ border-color:rgb(235, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
234) }
```


Background

The CSS property to change the background color of an element to XYZ 79.3964, 84.1711, 89.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 234) }
```

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

```
.background{ background-color: rgb(235,  
237, 234) }
```

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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