

Converting Colors

XYZ(79.9847, 83.3638, 89.9702)

Have a look what the booklet for
XYZ(79.9847, 83.3638, 89.9702)
contains.

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Color

**XYZ(79.8707, 83.1369,
89.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEAEA
RGB	239, 234, 234
RGB Percent	94%, 92%, 92%
CMY	0.0627, 0.0823, 0.0823
CMYK	0.00, 0.02, 0.02, 0.06
HSL	0°, 14%, 93%
HSV	0°, 2%, 94%
XYZ	79.8707, 83.1369, 89.6793
YIQ	235.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

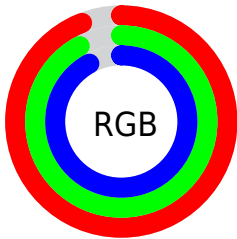
Format	Color
R _Y B	239, 234, 234
Decimal	15723242
CIE Lab	93.07, 1.68, 0.59
CIE LCh	93, 1.782, 19.179
Yxy	83.1369, 0.3161, 0.3290
Android (android.graphics.Color)	4293913322 (0xFFEFEAEA)
YUV	235.4950, -0.7370, 3.0739
Hunter-Lab	91.1794, -3.2029, 5.5111

Details

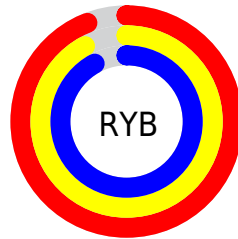
The XYZ color **79.8707, 83.1369, 89.6793** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3781, 85.4562, 93.9207**, and the grayscale version is **79.3488, 83.4811, 90.9109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4847, 45.1224, 48.5371** is the 20% darker color. If you saturate the color by 10%, you get **70.3201, 69.1643, 70.6829**, and if you desaturate by 10%, it is **89.4071, 97.0910, 108.6359**.

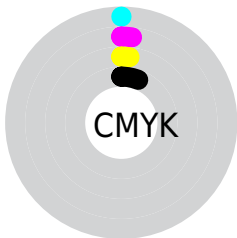
Distribution



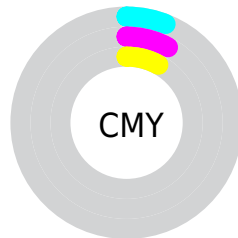
- Red (94%)
- Green (92%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8707, 83.1369, 89.6793 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 79.8707, 83.1369, 89.6793 by changing the saturation by 10% instead.

79.8707, 83.1369,
89.6793

79.8707, 83.1369,
89.6793

483.2402,
505.4427, 547.5302

59.9201, 62.3031,
67.1425

132.1354,
137.7672, 148.8245

43.6034, 45.2777,
48.7381

165.1802,
172.3325, 186.2699

30.5554, 31.6762,
34.0476

203.3204,
212.2437, 229.5219

20.4107, 21.1143,
22.6525

246.9214,
257.8852, 278.9991

12.8039, 13.2076,
14.1343

296.3485,
309.6415, 335.1200

7.3697, 7.5716,
8.0743

351.9671,

3.7428, 3.8221,

367.8969, 398.3031

4.0541

414.1425,
433.0358, 468.9670

■ 1.5577, 1.5745,
1.6551

■ 0.3646, 0.3403,
0.3297

■ 79.8707, 83.1369,
89.6793

■ 79.8707, 83.1369,
89.6793

■ 70.3201, 69.1643,
70.6829

■ 89.4071, 97.0910,
108.6359

■ 62.0920, 57.1258,
54.3205

■ 55.1301, 46.9395,
40.4775

■ 49.3717, 38.5137,
29.0290

■ 44.7485, 31.7485,
19.8391

■ 41.1857, 26.5343,
12.7584

■ 38.5990, 22.7482,
7.6197

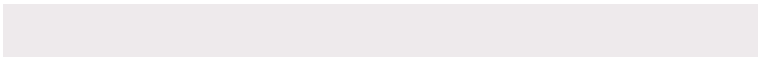
■ 36.8920, 20.2489,
4.2304

■ 35.9480, 18.8661,
2.3585

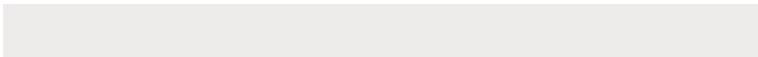
Harmonies

Analogous

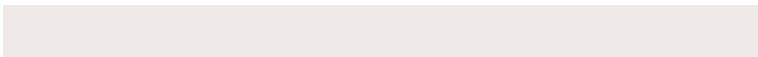
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9048, 83.1369, 91.0058



79.8707, 83.1369, 89.6793



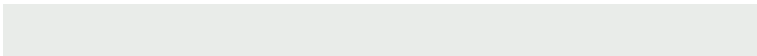
79.6079, 83.1369, 88.5888

Triad

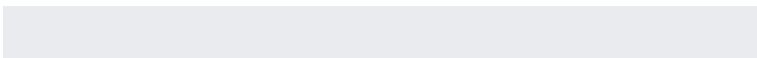
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8707, 83.1369, 89.6793



78.3412, 83.1369, 88.8504



78.8506, 83.1369, 93.0727

Complementary

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



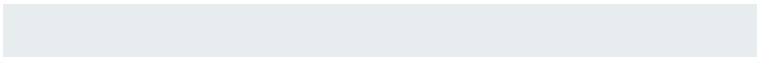
79.8707, 83.1369, 89.6793



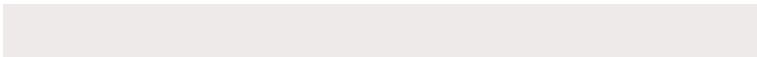
80.3781, 85.4562, 93.9207

Split Complementary

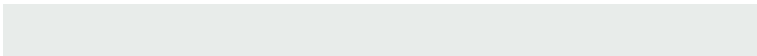
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4333, 83.1369, 92.4830



79.8707, 83.1369, 89.6793



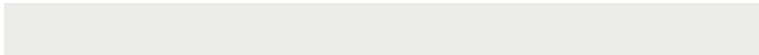
78.1400, 83.1369, 90.0398

Square

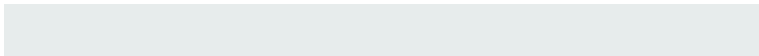
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



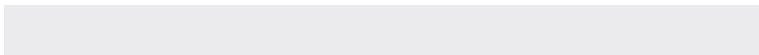
79.8707, 83.1369, 89.6793



78.7243, 83.1369, 88.1135



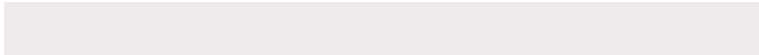
78.1736, 83.1369, 91.3699



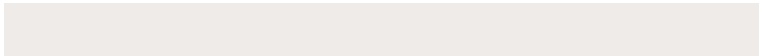
79.3146, 83.1369, 92.9739

Rectangle

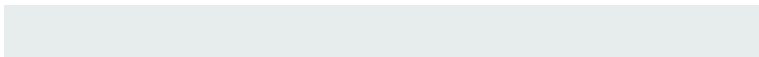
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



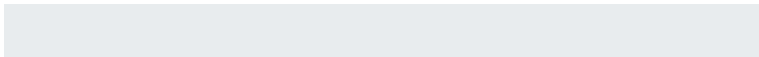
79.8707, 83.1369, 89.6793



79.3389, 83.1369, 88.1383



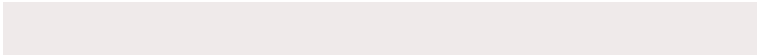
78.1736, 83.1369, 91.3699



78.7002, 83.1369, 92.9482

Sweetspot

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



79.8730, 83.1405, 89.6811



93.8347, 98.2219, 106.4829



80.6005, 83.4296, 93.5178



20.0973, 21.0423, 22.8172



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.



79.8730, 83.1405, 89.6811



91.4524, 94.7367, 101.7451



80.5886, 84.5717, 89.9196



16.9602, 17.4966, 18.7198



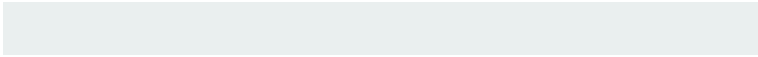
19.6731, 10.1443, 0.9212



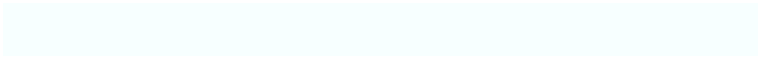
1.6370, 0.8446, 0.0768

Inverse Universe

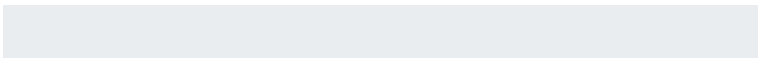
The Inverse Universe completely reimagines the original color for something new.



80.3781, 85.4562, 93.9207



92.2893, 98.5738, 108.7702



79.6525, 84.0049, 93.6789



17.1566, 18.3970, 20.3683



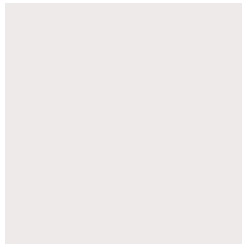
25.6361, 37.4964, 51.0142



2.1330, 3.1201, 4.2440

Previews

White Background



This preview shows how the XYZ color 79.8707, 83.1369, 89.6793 looks on a white background.

Color Contrast Check

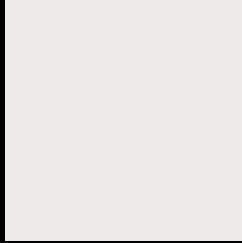
Large Text (above 18pt) WCAG AA × Fail

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 79.8707, 83.1369, 89.6793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

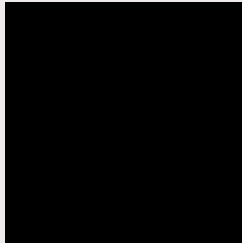
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

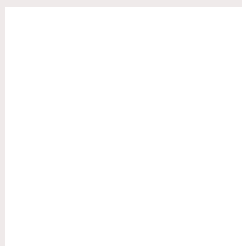
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8707, 83.1369, 89.6793

Background



This preview shows how black text looks on a background with the XYZ color 79.8707, 83.1369, 89.6793.



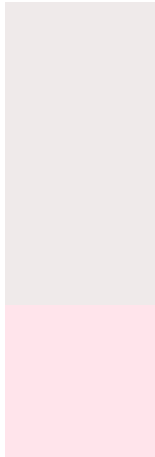
This preview shows how white text looks on a background with the XYZ color 79.8707, 83.1369,

89.6793.

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

79.8707, 83.1369, 89.6793

Protanopia

79.8707, 83.1369, 89.6793

Deuteranopia

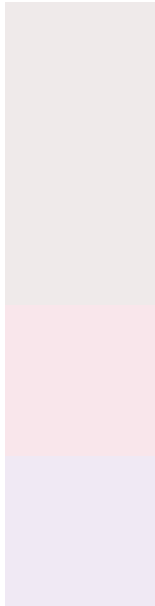
83.9788, 82.7450, 90.1425



Tritanopia

82.3876, 83.3161, 102.1818

Trichromacy



Original Color

79.8707, 83.1369, 89.6793

Protanomaly

79.8707, 83.1369, 89.6793

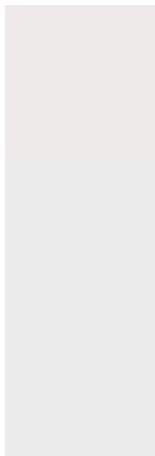
Deuteranomaly

82.3591, 82.7315, 90.2252

Tritanomaly

81.4032, 83.3347, 97.3828

Monochromacy



Original Color

79.8707, 83.1369, 89.6793

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.2958, 83.2477, 90.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8707, 83.1369, 89.6793 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, 234, 234) looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 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(239, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.8707, 83.1369, 89.6793 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, 234, 234) }
```


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

```
.border{ border-color:rgb(239, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8707, 83.1369, 89.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 234) }
```

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

```
.background{ background-color: rgb(239,  
234, 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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