

Converting Colors

XYZ(79.6462, 83.5920, 89.5825)

Have a look what the booklet for
XYZ(79.6462, 83.5920, 89.5825)
contains.

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Color

**XYZ(79.4847, 83.3617,
89.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBEA
RGB	237, 235, 234
RGB Percent	93%, 92%, 92%
CMY	0.0706, 0.0784, 0.0823
CMYK	0.00, 0.01, 0.01, 0.07
HSL	20°, 8%, 92%
HSV	20°, 1%, 93%
XYZ	79.4847, 83.3617, 89.7430
YIQ	235.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

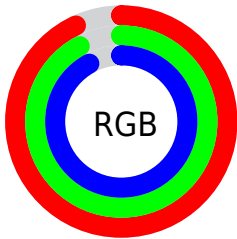
Format	Color
R _Y B	237, 236, 234
Decimal	15592426
CIE Lab	93.17, 0.50, 0.71
CIE LCh	93, 0.868, 54.957
Yxy	83.3617, 0.3147, 0.3300
Android (android.graphics.Color)	4293782506 (0xFFEDEBEA)
YUV	235.4840, -0.7316, 1.3295
Hunter-Lab	91.3026, -4.3841, 5.6346

Details

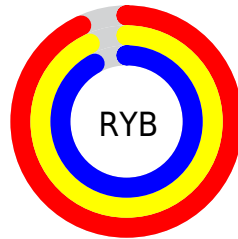
The XYZ color **79.4847, 83.3617, 89.7430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2133, 83.5968, 92.0828**, and the grayscale version is **79.3411, 83.4731, 90.9022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2120, 45.2783, 48.5815** is the 20% darker color. If you saturate the color by 10%, you get **71.9895, 73.4598, 71.5548**, and if you desaturate by 10%, it is **87.4023, 94.0782, 108.1601**.

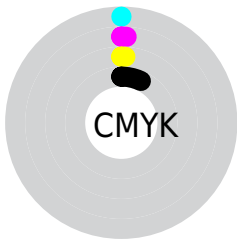
Distribution



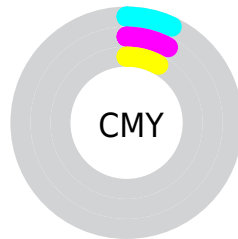
- Red (93%)
- Green (92%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4847, 83.3617, 89.7430 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 79.4847, 83.3617, 89.7430 by changing the saturation by 10% instead.

■ 79.4847, 83.3617,
89.7430

■ 79.4847, 83.3617,
89.7430

481.9576,
506.1912, 547.7430

■ 59.6014, 62.4886,
67.1950

131.5953,
138.0819, 148.9138

■ 43.3457, 45.4276,
48.7805

164.5534,
172.6978, 186.3736

■ 30.3521, 31.7944,
34.0810

202.6004,
212.6635, 229.6411

■ 20.2554, 21.2045,
22.6780

246.1018,
258.3632, 279.1349

■ 12.6902, 13.2736,
14.1529

295.4228,
310.1815, 335.2734

■ 7.2911, 7.6172,
8.0871

350.9289,

■ 3.6927, 3.8510,

368.5026, 398.4752

4.0622

412.9854,
433.7110, 469.1589

■ 1.5298, 1.5906,
1.6595

■ 0.3460, 0.3512,
0.3328

■ 79.4847, 83.3617,
89.7430

■ 79.4847, 83.3617,
89.7430

■ 71.9895, 73.4598,
71.5548

■ 87.4023, 94.0782,
108.1601

■ 65.3193, 64.5091,
55.7990

■ 88.7356, 96.7448,
108.6045

■ 59.4468, 56.4840,
42.3732

■ 54.3400, 49.3537,
31.1653

■ 49.9648, 43.0858,
22.0541

■ 46.2845, 37.6456,
14.9065

■ 43.2584, 32.9960,
9.5738

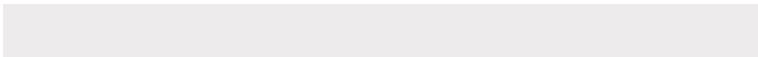
■ 40.8412, 29.0965,
5.8861

■ 38.9803, 25.9021,
3.6401

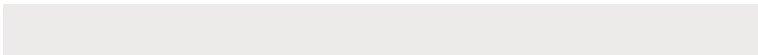
Harmonies

Analogous

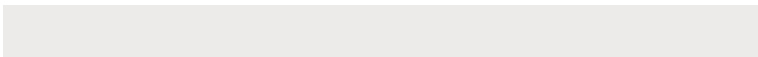
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6308, 83.3617, 90.2382



79.4847, 83.3617, 89.7430



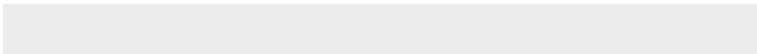
79.2713, 83.3617, 89.5222

Triad

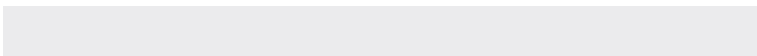
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4847, 83.3617, 89.7430



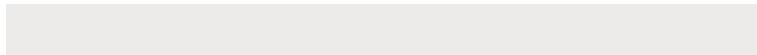
78.7970, 83.3617, 90.6564



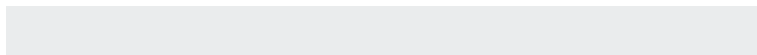
79.4179, 83.3617, 91.9094

Complementary

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



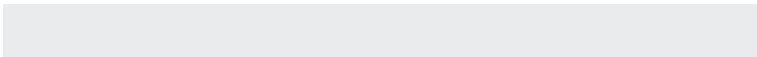
79.4847, 83.3617, 89.7430



79.2133, 83.5968, 92.0828

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.



79.1943, 83.3617, 92.0227



79.4847, 83.3617, 89.7430



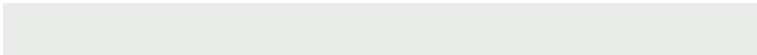
78.8361, 83.3617, 91.2973

Square

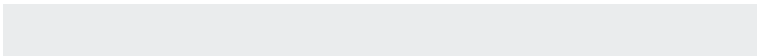
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4847, 83.3617, 89.7430



78.8745, 83.3617, 90.0480



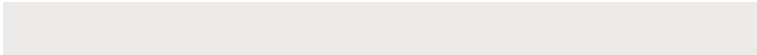
78.9814, 83.3617, 91.7982



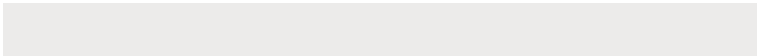
79.5921, 83.3617, 91.4893

Rectangle

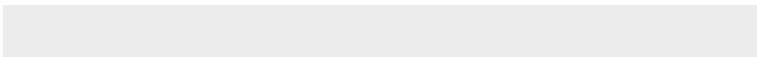
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



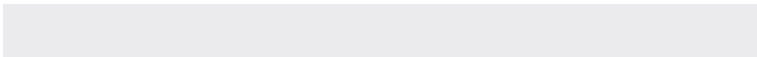
79.4847, 83.3617, 89.7430



79.1197, 83.3617, 89.5595



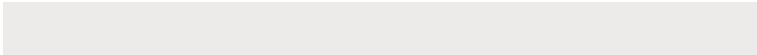
78.9814, 83.3617, 91.7982



79.3460, 83.3617, 91.9847

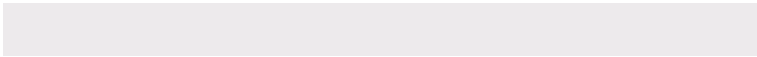
Sweetspot

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



79.4871, 83.3653, 89.7448

95.0500, 100.0000, 108.9000



79.4894, 82.9076, 91.1713



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.



79.4871, 83.3653, 89.7448



93.1667, 97.5299, 104.2750



79.9172, 84.2256, 89.8882



16.6837, 17.4702, 18.6985



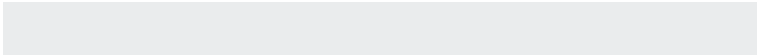
20.7148, 13.1238, 1.4414



1.7123, 1.2019, 0.1417

Inverse Universe

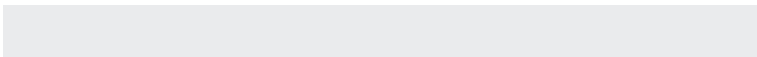
The Inverse Universe completely reimagines the original color for something new.



79.2133, 83.5968, 92.0828



92.6564, 97.9614, 108.6327



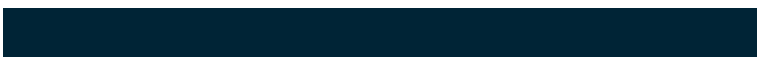
78.7844, 82.7389, 91.9398



16.5977, 17.5430, 19.4336



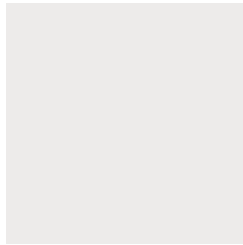
15.1174, 16.8819, 46.2047



1.2750, 1.5015, 3.6575

Previews

White Background



This preview shows how the XYZ color 79.4847, 83.3617, 89.7430 looks on a white background.

Color Contrast Check

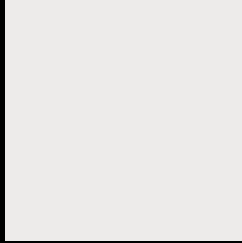
Large Text (above 18pt) WCAG AA × Fail

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 79.4847, 83.3617, 89.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

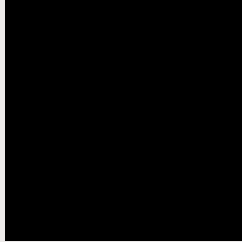
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

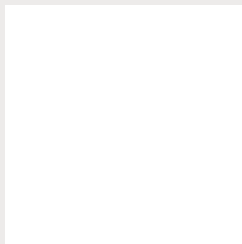
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4847, 83.3617, 89.7430

Background



This preview shows how black text looks on a background with the XYZ color 79.4847, 83.3617, 89.7430.



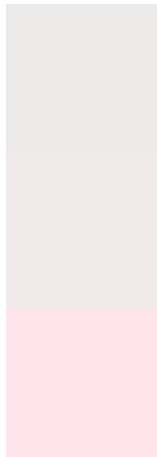
This preview shows how white text looks on a background with the XYZ color 79.4847, 83.3617,

89.7430.

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

79.4847, 83.3617, 89.7430

Protanopia

80.2093, 83.3114, 89.6951

Deuteranopia

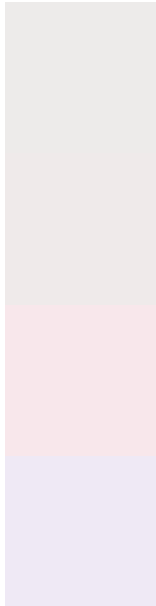
84.2547, 83.2968, 90.2344



Tritanopia

82.2044, 83.2035, 102.9940

Trichromacy



Original Color

79.4847, 83.3617, 89.7430

Protanomaly

79.8707, 83.1369, 89.6793

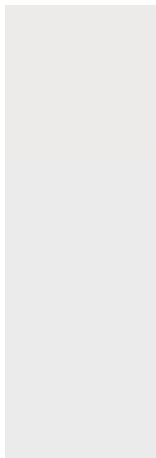
Deuteranomaly

82.2827, 83.1064, 90.3016

Tritanomaly

81.2169, 83.2211, 98.1689

Monochromacy



Original Color

79.4847, 83.3617, 89.7430

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 79.4847, 83.3617, 89.7430 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(237, 235, 234) looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 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(237, 235, 234) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 79.4847, 83.3617, 89.7430 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(237, 235, 234) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 79.4847, 83.3617, 89.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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