

Converting Colors

XYZ(79.3395, 82.8889, 90.7716)

Have a look what the booklet for
XYZ(79.3395, 82.8889, 90.7716)
contains.

XYZ(79.3433, 82.8483, 90.4067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(79.3433, 82.8483,
90.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEAEB
RGB	237, 234, 235
RGB Percent	93%, 92%, 92%
CMY	0.0706, 0.0823, 0.0784
CMYK	0.00, 0.01, 0.01, 0.07
HSL	340°, 8%, 92%
HSV	340°, 1%, 93%
XYZ	79.3433, 82.8483, 90.4067
YIQ	235.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

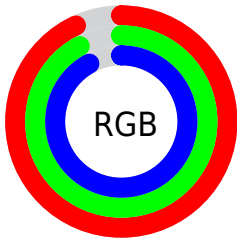
Format	Color
R _Y B	237, 234, 235
Decimal	15592171
CIE Lab	92.95, 1.19, -0.14
CIE LCh	93, 1.195, 353.366
Yxy	82.8483, 0.3141, 0.3280
Android (android.graphics.Color)	4293782251 (0xFFEDEAEB)
YUV	235.0110, -0.0054, 1.7444
Hunter-Lab	91.0210, -3.6879, 4.8249

Details

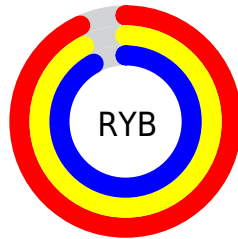
The XYZ color **79.3433, 82.8483, 90.4067** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3593, 84.1192, 91.4152**, and the grayscale version is **78.9753, 83.0882, 90.4830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1131, 44.9192, 49.0458** is the 20% darker color. If you saturate the color by 10%, you get **70.8576, 69.3729, 76.7980**, and if you desaturate by 10%, it is **88.0703, 96.4787, 105.1010**.

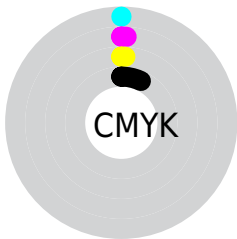
Distribution



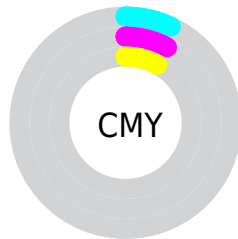
- Red (93%)
- Green (92%)
- Blue (92%)



- Red (93%)
- Yellow (92%)
- 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 79.3433, 82.8483, 90.4067 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 79.3433, 82.8483, 90.4067 by changing the saturation by 10% instead.

■ 79.3433, 82.8483,
90.4067

■ 79.3433, 82.8483,
90.4067

481.4873,
504.4808, 549.9571

■ 59.4847, 62.0650,
67.7424

131.3974,
137.3630, 149.8436

■ 43.2513, 45.0852,
49.2228

164.3237,
171.8631, 187.4534

■ 30.2777, 31.5246,
34.4294

202.3365,
211.7044, 230.8820

■ 20.1986, 20.9986,
22.9437

245.8013,
257.2711, 280.5480

■ 12.6486, 13.1230,
14.3470

295.0835,
308.9478, 336.8700

■ 7.2623, 7.5133,
8.2209

350.5483,

■ 3.6745, 3.7851,

367.1186, 400.2665

4.1468

412.5611,
432.1682, 471.1560

■ 1.5197, 1.5541,
1.7062

■ 0.3392, 0.3264,
0.3650

■ 79.3433, 82.8483,
90.4067

■ 79.3433, 82.8483,
90.4067

■ 70.8576, 69.3729,
76.7980

■ 88.0703, 96.4787,
105.1010

■ 63.4346, 57.7071,
64.5195

■ 88.7356, 96.7448,
108.6045

■ 57.0332, 47.7764,
53.5316

■ 51.6071, 39.4971,
43.7905

■ 47.1059, 32.7784,
35.2497

■ 43.4749, 27.5209,
27.8598

■ 40.6531, 23.6133,
21.5675

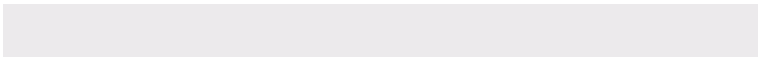
■ 38.5712, 20.9283,
16.3143

■ 37.1469, 19.3137,
12.0353

Harmonies

Analogous

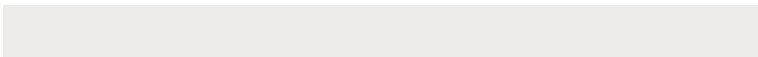
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2281, 82.8483, 91.2387



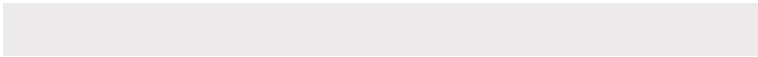
79.3433, 82.8483, 90.4067



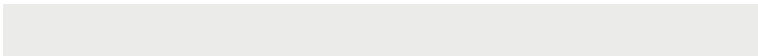
79.2978, 82.8483, 89.5268

Triad

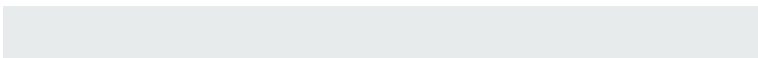
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3433, 82.8483, 90.4067



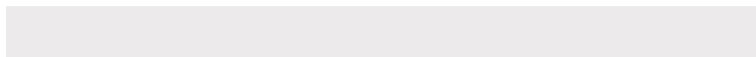
78.5067, 82.8483, 88.6369



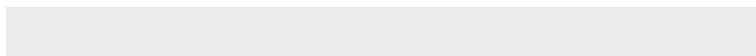
78.3868, 82.8483, 91.5960

Complementary

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



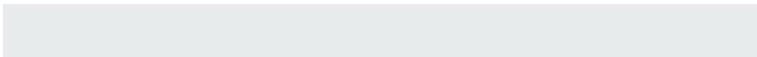
79.3433, 82.8483, 90.4067



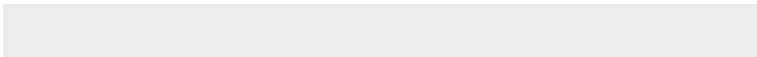
79.3593, 84.1192, 91.4152

Split Complementary

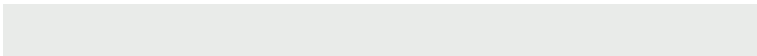
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1944, 82.8483, 90.8921



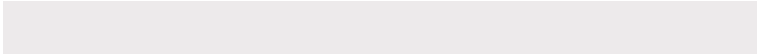
79.3433, 82.8483, 90.4067



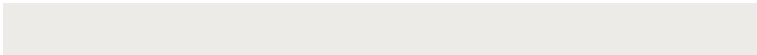
78.2635, 82.8483, 89.1846

Square

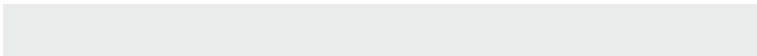
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



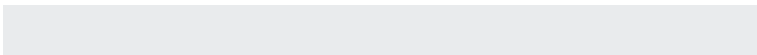
79.3433, 82.8483, 90.4067



78.8143, 82.8483, 88.5088



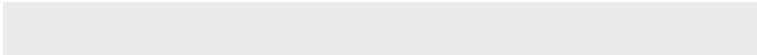
78.1494, 82.8483, 90.0090



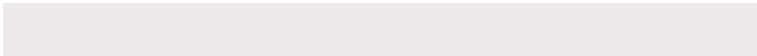
78.6754, 82.8483, 91.9282

Rectangle

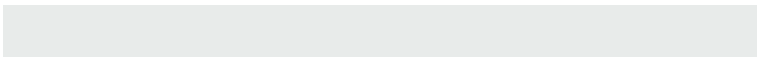
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



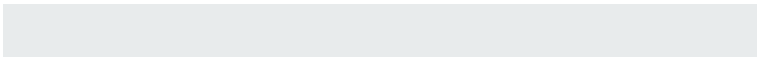
79.3433, 82.8483, 90.4067



79.1825, 82.8483, 89.0310



78.1494, 82.8483, 90.0090



78.3087, 82.8483, 91.3948

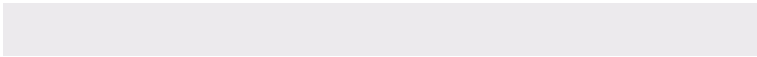
Sweetspot

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



79.3456, 82.8519, 90.4085

95.0500, 100.0000, 108.9000



79.3038, 82.7967, 91.9237



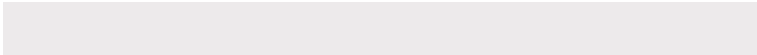
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

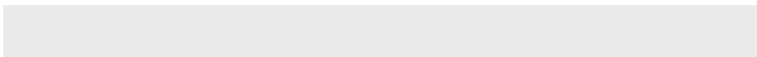
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3456, 82.8519, 90.4085



92.9012, 96.5717, 105.5035



79.3445, 83.0792, 89.7001



16.6389, 17.3085, 18.9059



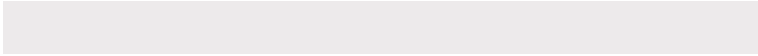
19.8884, 10.1580, 5.2134



1.6048, 0.8149, 0.6365

Inverse Universe

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



79.3456, 82.8519, 90.4085



92.9012, 96.5717, 105.5035



79.3601, 83.8885, 92.1314



16.6389, 17.3085, 18.9059



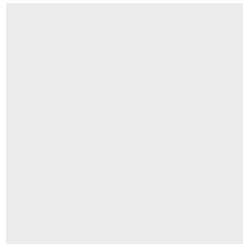
19.8884, 10.1580, 5.2134



1.6048, 0.8149, 0.6365

Previews

White Background



This preview shows how the XYZ color 79.3433, 82.8483, 90.4067 looks on a white background.

Color Contrast Check

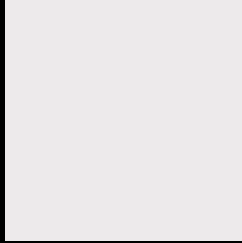
Large Text (above 18pt) WCAG AA × Fail

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 79.3433, 82.8483, 90.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

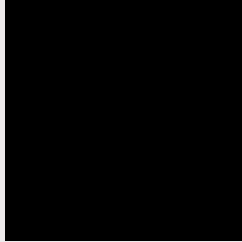
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

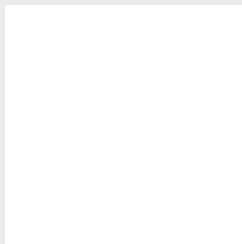
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3433, 82.8483, 90.4067

Background



This preview shows how black text looks on a background with the XYZ color 79.3433, 82.8483, 90.4067.



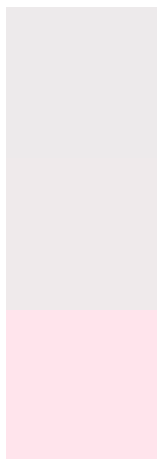
This preview shows how white text looks on a background with the XYZ color 79.3433, 82.8483,

90.4067.

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

79.3433, 82.8483, 90.4067

Protanopia

80.0148, 83.1945, 90.4382

Deuteranopia

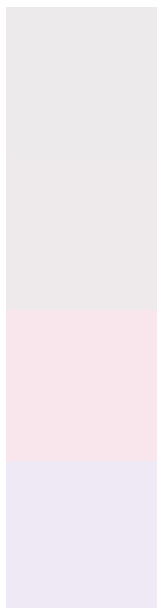
84.1237, 82.8029, 90.9056



Tritanopia

81.7085, 82.9661, 102.1500

Trichromacy



Original Color

79.3433, 82.8483, 90.4067

Protanomaly

79.6781, 83.0209, 90.4224

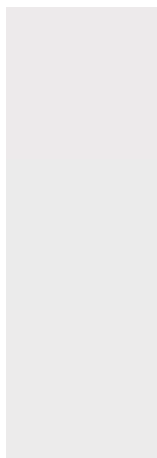
Deuteranomaly

82.1485, 82.6062, 90.9718

Tritanomaly

80.8802, 83.0475, 98.1531

Monochromacy



Original Color

79.3433, 82.8483, 90.4067

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 79.3433, 82.8483, 90.4067 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, 234, 235) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 79.3433, 82.8483, 90.4067 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, 234, 235) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 79.3433, 82.8483, 90.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(237,  
234, 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](#).

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