

Converting Colors

XYZ(79.1068, 82.3382, 88.8143)

Have a look what the booklet for
XYZ(79.1068, 82.3382, 88.8143)
contains.

XYZ(79.1068, 82.3382, 88.8143)	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(79.1068, 82.3382,
88.8143)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE9E9
RGB	238, 233, 233
RGB Percent	93%, 91%, 91%
CMY	0.0667, 0.0863, 0.0863
CMYK	0.00, 0.02, 0.02, 0.07
HSL	0°, 13%, 92%
HSV	0°, 2%, 93%
XYZ	79.1068, 82.3382, 88.8143
YIQ	234.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

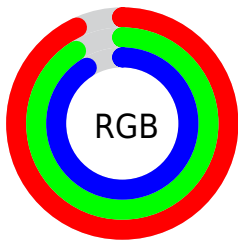
Format	Color
R_{YB}	238, 233, 233
Decimal	15657449
CIE Lab	92.72, 1.68, 0.59
CIE LCh	93, 1.783, 19.181
Yxy	82.3382, 0.3161, 0.3290
Android (android.graphics.Color)	4293847529 (0xFFEEE9E9)
YUV	234.4950, -0.7370, 3.0739
Hunter-Lab	90.7404, -3.1807, 5.4868

Details

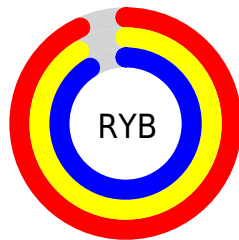
The XYZ color **79.1068, 82.3382, 88.8143** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6114, 84.6446, 93.0321**, and the grayscale version is **78.5877, 82.6804, 90.0390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9494, 44.5637, 47.9330** is the 20% darker color. If you saturate the color by 10%, you get **69.6497, 68.5023, 70.0038**, and if you desaturate by 10%, it is **89.0704, 96.9174, 108.6202**.

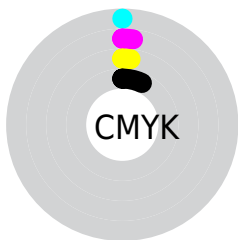
Distribution



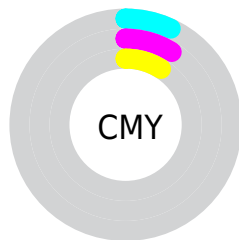
- Red (93%)
- Green (91%)
- Blue (91%)



- Red (93%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1068, 82.3382, 88.8143 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 79.1068, 82.3382, 88.8143 by changing the saturation by 10% instead.

79.1068, 82.3382,
88.8143

79.1068, 82.3382,
88.8143

480.7001,
502.7783, 544.6365

59.2896, 61.6443,
66.4295

131.0663,
136.6482, 147.6114

43.0935, 44.7454,
48.1625

163.9393,
171.0331, 184.8608

30.1533, 31.2569,
33.5947

201.8950,
210.7505, 227.9021

20.1037, 20.7946,
22.3075

245.2986,
256.1847, 277.1538

12.5791, 12.9739,
13.8826

294.5156,
307.7202, 333.0346

7.2144, 7.4106,
7.9012

349.9112,

3.6440, 3.7202,

365.7414, 395.9630

3.9449

411.8509,
430.6326, 466.3574

■ 1.5028, 1.5183,
1.5952

■ 0.3277, 0.3016,
0.2874

■ 79.1068, 82.3382,
88.8143

■ 79.1068, 82.3382,
88.8143

■ 69.6497, 68.5023,
70.0038

■ 89.0704, 96.9174,
108.6202

■ 61.5019, 56.5813,
53.8012

■ 54.6077, 46.4942,
40.0930

■ 48.9051, 38.1500,
28.7554

■ 44.3266, 31.4501,
19.6541

■ 40.7978, 26.2857,
12.6411

■ 38.2356, 22.5354,
7.5509

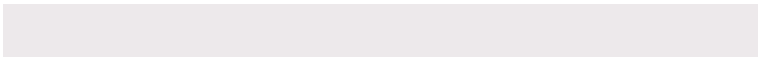
■ 36.5443, 20.0593,
4.1930

■ 35.6087, 18.6888,
2.3377

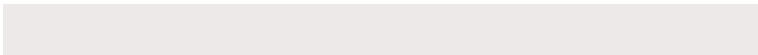
Harmonies

Analogous

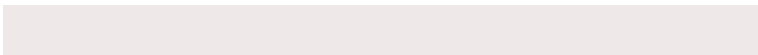
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1408, 82.3382, 90.1334



79.1068, 82.3382, 88.8143



78.8454, 82.3382, 87.7299

Triad

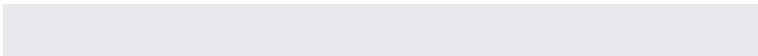
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1068, 82.3382, 88.8143



77.5858, 82.3382, 87.9902



78.0924, 82.3382, 92.1889

Complementary

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



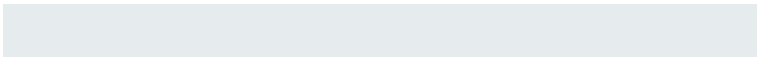
79.1068, 82.3382, 88.8143



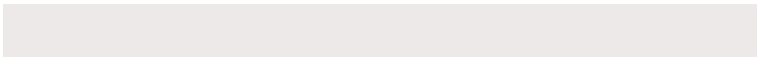
79.6114, 84.6446, 93.0321

Split Complementary

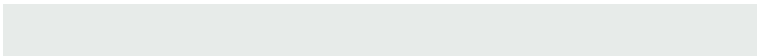
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6775, 82.3382, 91.6025



79.1068, 82.3382, 88.8143



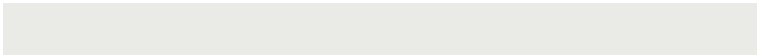
77.3858, 82.3382, 89.1729

Square

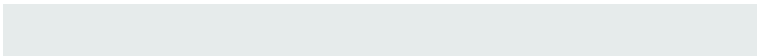
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



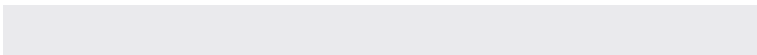
79.1068, 82.3382, 88.8143



77.9668, 82.3382, 87.2574



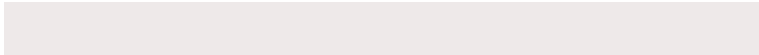
77.4192, 82.3382, 90.4956



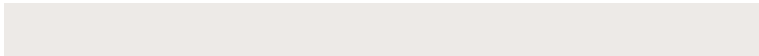
78.5539, 82.3382, 92.0906

Rectangle

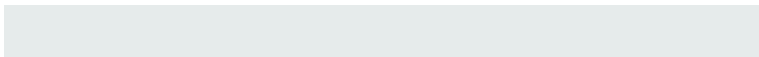
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



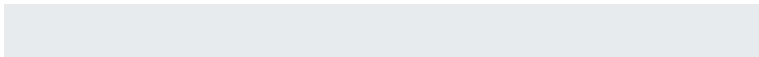
79.1068, 82.3382, 88.8143



78.5779, 82.3382, 87.2820



77.4192, 82.3382, 90.4956



77.9429, 82.3382, 92.0651

Sweetspot

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



79.1091, 82.3418, 88.8161



93.8347, 98.2219, 106.4829



79.8326, 82.6293, 92.6314



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.



79.1091, 82.3418, 88.8161



91.4524, 94.7367, 101.7451



79.8207, 83.7649, 89.0533



16.9602, 17.4966, 18.7198



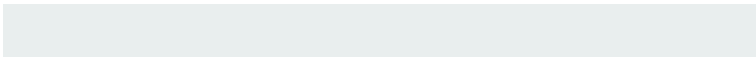
19.6731, 10.1443, 0.9212



1.6370, 0.8446, 0.0768

Inverse Universe

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



79.6114, 84.6446, 93.0321



92.2893, 98.5739, 108.7702



78.8898, 83.2013, 92.7915



17.1566, 18.3970, 20.3683



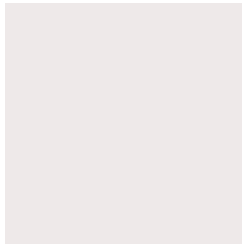
25.6362, 37.4967, 51.0143



2.1331, 3.1201, 4.2440

Previews

White Background



This preview shows how the XYZ color 79.1068, 82.3382, 88.8143 looks on a white background.

Color Contrast Check

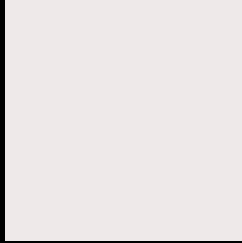
Large Text (above 18pt) WCAG AA × Fail

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 79.1068, 82.3382, 88.8143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

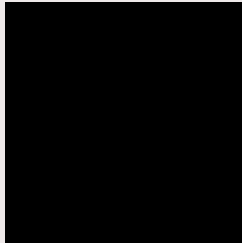
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

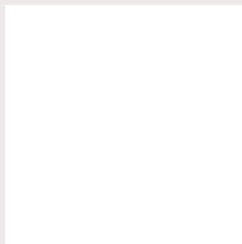
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1068, 82.3382, 88.8143

Background



This preview shows how black text looks on a background with the XYZ color 79.1068, 82.3382, 88.8143.



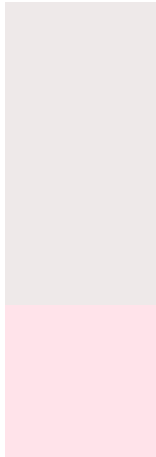
This preview shows how white text looks on a background with the XYZ color 79.1068, 82.3382,

88.8143.

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

79.1068, 82.3382, 88.8143

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

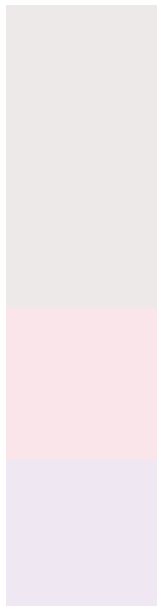
83.5604, 82.1387, 89.2921



Tritanopia

81.6100, 82.5166, 101.2485

Trichromacy



Original Color

79.1068, 82.3382, 88.8143

Protanomaly

79.1068, 82.3382, 88.8143

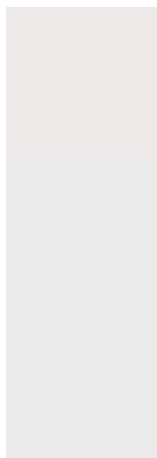
Deuteranomaly

81.9375, 82.1189, 89.3739

Tritanomaly

80.6309, 82.5350, 96.4752

Monochromacy



Original Color

79.1068, 82.3382, 88.8143

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5351, 82.4483, 89.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1068, 82.3382, 88.8143 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(238, 233, 233) looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 233)  
}
```

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(238, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.1068, 82.3382, 88.8143 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(238, 233, 233) }
```


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

```
.border{ border-color:rgb(238, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1068, 82.3382, 88.8143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 233) }
```

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

```
.background{ background-color: rgb(238,  
233, 233) }
```

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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