

Converting Colors

XYZ(79.3888, 82.9060, 88.9355)

Have a look what the booklet for
XYZ(79.3888, 82.9060, 88.9355)
contains.

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Color

**XYZ(79.3907, 82.9060,
88.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEAE9
RGB	238, 234, 233
RGB Percent	93%, 92%, 91%
CMY	0.0667, 0.0823, 0.0863
CMYK	0.00, 0.02, 0.02, 0.07
HSL	12°, 13%, 92%
HSV	12°, 2%, 93%
XYZ	79.3907, 82.9060, 88.9089
YIQ	235.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

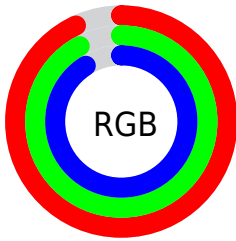
Format	Color
R _Y B	238, 234, 233
Decimal	15657705
CIE Lab	92.97, 1.17, 0.95
CIE LCh	93, 1.508, 39.026
Yxy	82.9060, 0.3160, 0.3300
Android (android.graphics.Color)	4293847785 (0xFFEEEEAE9)
YUV	235.0820, -1.0264, 2.5591
Hunter-Lab	91.0527, -3.7046, 5.8429

Details

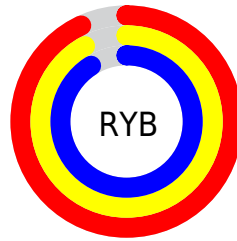
The XYZ color **79.3907, 82.9060, 88.9089** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.3210, 84.0639, 92.9353**, and the grayscale version is **79.0362, 83.1523, 90.5528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1476, 44.9602, 47.9990** is the 20% darker color. If you saturate the color by 10%, you get **71.0907, 71.3843, 70.4841**, and if you desaturate by 10%, it is **88.4439, 95.6644, 108.4113**.

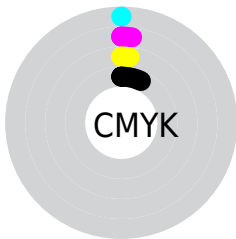
Distribution



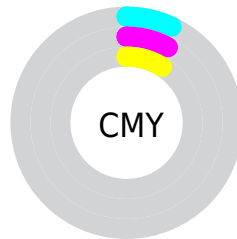
- Red (93%)
- Green (92%)
- Blue (91%)



- Red (93%)
- Yellow (92%)
- Blue (91%)



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



- Cyan (7%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3907, 82.9060, 88.9089 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 79.3907, 82.9060, 88.9089 by changing the saturation by 10% instead.

■ 79.3907, 82.9060,
88.9089

■ 79.3907, 82.9060,
88.9089

481.6449,
504.6732, 544.9534

■ 59.5238, 62.1126,
66.5074

131.4638,
137.4438, 147.7441

■ 43.2829, 45.1237,
48.2254

164.4007,
171.9570, 185.0150

■ 30.3027, 31.5549,
33.6441

202.4250,
211.8122, 228.0794

■ 20.2176, 21.0217,
22.3452

245.9021,
257.3940, 277.3558

■ 12.6625, 13.1399,
13.9100

295.1972,
309.0865, 333.2629

■ 7.2720, 7.5249,
7.9201

350.6759,

■ 3.6806, 3.7925,

367.2743, 396.2192

3.9568

412.7033,
432.3417, 466.6432

■ 1.5231, 1.5582,
1.6017

■ 0.3415, 0.3292,
0.2920

■ 79.3907, 82.9060,
88.9089

■ 79.3907, 82.9060,
88.9089

■ 71.0907, 71.3843,
70.4841

■ 88.4439, 95.6644,
108.4113

■ 63.7918, 61.1612,
54.5645

■ 89.0704, 96.9174,
108.6202

■ 57.4578, 52.1943,
41.0430

■ 52.0474, 44.4345,
29.8028

■ 47.5164, 37.8298,
20.7173

■ 43.8169, 32.3240,
13.6475

■ 40.8960, 27.8563,
8.4378

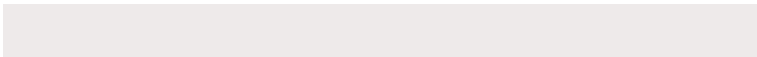
■ 38.6946, 24.3598,
4.9097

■ 37.1439, 21.7591,
2.8494

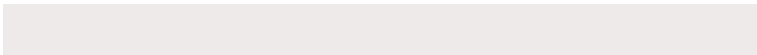
Harmonies

Analogous

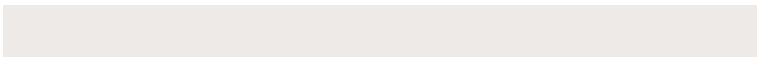
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5515, 82.9060, 89.9300



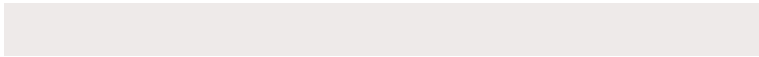
79.3907, 82.9060, 88.9089



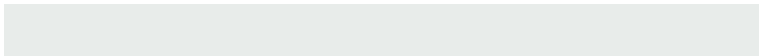
79.0716, 82.9060, 88.2563

Triad

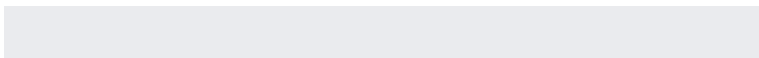
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3907, 82.9060, 88.9089



78.0932, 82.9060, 89.4948



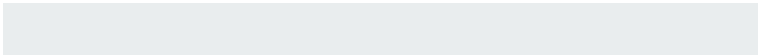
78.9188, 82.9060, 92.4341

Complementary

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



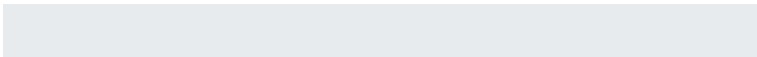
79.3907, 82.9060, 88.9089



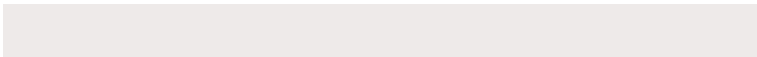
79.3210, 84.0639, 92.9353

Split Complementary

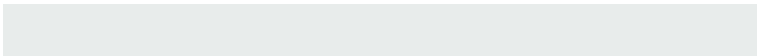
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5283, 82.9060, 92.3152



79.3907, 82.9060, 88.9089



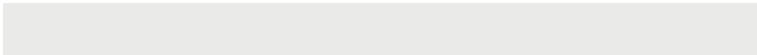
78.0525, 82.9060, 90.6119

Square

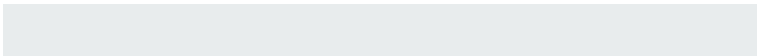
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3907, 82.9060, 88.9089



78.3228, 82.9060, 88.5926



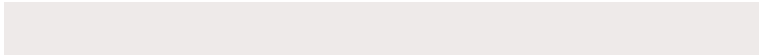
78.2116, 82.9060, 91.6460



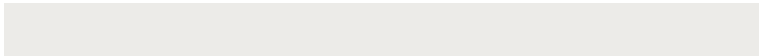
79.2785, 82.9060, 91.9696

Rectangle

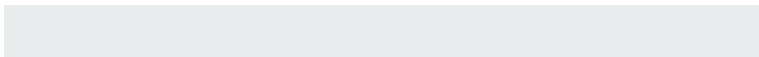
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



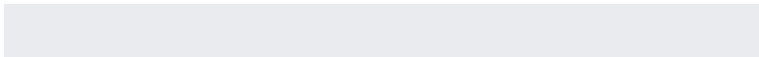
79.3907, 82.9060, 88.9089



78.8126, 82.9060, 88.1148



78.2116, 82.9060, 91.6460



78.7868, 82.9060, 92.4611

Sweetspot

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



79.3930, 82.9096, 88.9107



93.9954, 98.5435, 106.5365



79.6860, 82.5706, 91.8597



20.1300, 21.1077, 22.8281



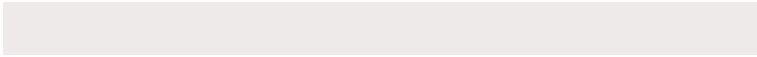
0.0000, 0.0000, 0.0000



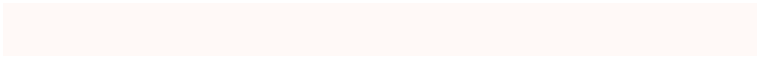
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3930, 82.9096, 88.9107



91.9231, 95.6782, 101.9020



80.1086, 84.3408, 89.1492



17.0702, 17.7166, 18.7565



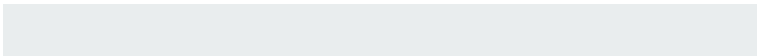
20.3291, 11.4562, 1.1398



1.7592, 1.0891, 0.1175

Inverse Universe

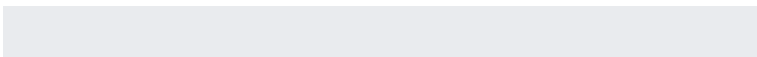
The Inverse Universe completely reimagines the original color for something new.



79.3210, 84.0639, 92.9353



91.8032, 97.6015, 108.6082



78.6035, 82.6287, 92.6961



17.0421, 18.1679, 20.3301



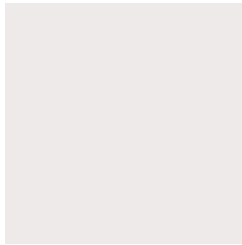
19.0012, 24.2267, 48.8026



1.6483, 2.1506, 4.0824

Previews

White Background



This preview shows how the XYZ color 79.3907, 82.9060, 88.9089 looks on a white background.

Color Contrast Check

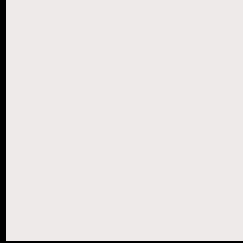
Large Text (above 18pt) WCAG AA × Fail

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 79.3907, 82.9060, 88.9089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

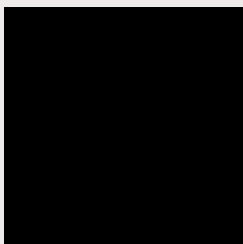
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

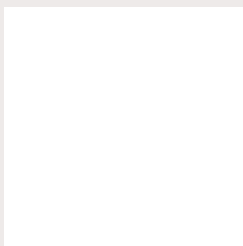
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3907, 82.9060, 88.9089

Background



This preview shows how black text looks on a background with the XYZ color 79.3907, 82.9060, 88.9089.



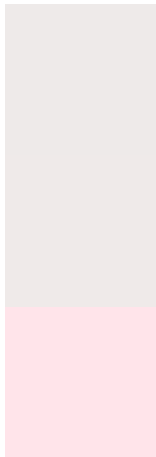
This preview shows how white text looks on a background with the XYZ color 79.3907, 82.9060,

88.9089.

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

79.3907, 82.9060, 88.9089

Protanopia

79.7274, 83.0796, 88.9247

Deuteranopia

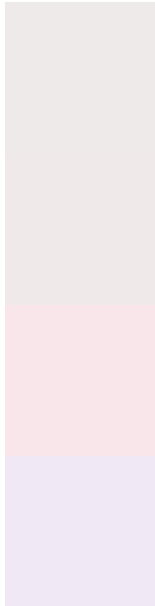
83.8347, 82.6873, 89.3836



Tritanopia

82.1069, 82.7547, 102.0882

Trichromacy



Original Color

79.3907, 82.9060, 88.9089

Protanomaly

79.7274, 83.0796, 88.9247

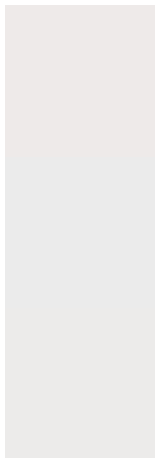
Deuteranomaly

82.2150, 82.6739, 89.4664

Tritanomaly

81.1209, 82.7701, 97.2887

Monochromacy



Original Color

79.3907, 82.9060, 88.9089

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1517, 83.1900, 89.7274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3907, 82.9060, 88.9089 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, 234, 233) looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 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, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.3907, 82.9060, 88.9089 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, 234, 233) }
```


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

```
.border{ border-color:rgb(238, 234, 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, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3907, 82.9060, 88.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 233) }
```

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

```
.background{ background-color: rgb(238,  
234, 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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