

Converting Colors

XYZ(79.1403, 84.1291, 88.6896)

Have a look what the booklet for
XYZ(79.1403, 84.1291, 88.6896)
contains.

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Color

**XYZ(79.1106, 84.0567,
88.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDE8
RGB	235, 237, 232
RGB Percent	92%, 93%, 91%
CMY	0.0784, 0.0706, 0.0902
CMYK	0.01, 0.00, 0.02, 0.07
HSL	84°, 12%, 92%
HSV	84°, 2%, 93%
XYZ	79.1106, 84.0567, 88.3989
YIQ	235.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

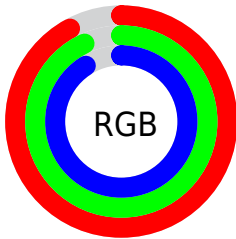
Format	Color
R _Y B	232, 237, 234
Decimal	15461864
CIE Lab	93.48, -1.55, 2.17
CIE LCh	93, 2.667, 125.435
Yxy	84.0567, 0.3145, 0.3341
Android (android.graphics.Color)	4293651944 (0xFFEBEDE8)
YUV	235.8320, -1.8892, -0.7297
Hunter-Lab	91.6824, -6.4209, 7.0111

Details

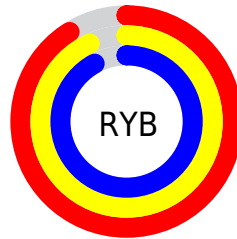
The XYZ color **79.1106, 84.0567, 88.3989** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.0775, 81.3223, 91.7067**, and the grayscale version is **79.6161, 83.7623, 91.2172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9508, 45.7660, 47.6443** is the 20% darker color. If you saturate the color by 10%, you get **72.9184, 81.2300, 71.7047**, and if you desaturate by 10%, it is **85.8156, 87.1132, 106.8993**.

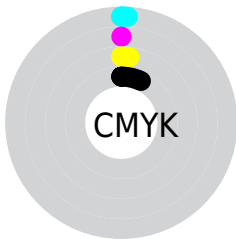
Distribution



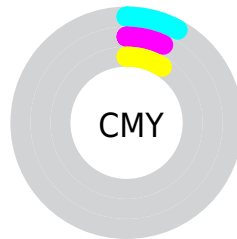
- Red (92%)
- Green (93%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1106, 84.0567, 88.3989 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 79.1106, 84.0567, 88.3989 by changing the saturation by 10% instead.

■ 79.1106, 84.0567,
88.3989

■ 79.1106, 84.0567,
88.3989

480.7127,
508.5015, 543.2438

■ 59.2927, 63.0623,
66.0873

131.0717,
139.0545, 147.0284

■ 43.0961, 45.8916,
47.8863

163.9455,
173.8266, 184.1833

■ 30.1553, 32.1603,
33.3775

201.9021,
213.9601, 227.1231

■ 20.1052, 21.4839,
22.1423

245.3067,
259.8393, 276.2663

■ 12.5802, 13.4782,
13.7622

294.5247,
311.8487, 332.0314

■ 7.2151, 7.7587,
7.8186

349.9215,

■ 3.6445, 3.9409,

370.3726, 394.8370

3.8930

411.8624,
435.7954, 465.1016

■ 1.5031, 1.6406,
1.5668

■ 0.3279, 0.3847,
0.2670

■ 79.1106, 84.0567,
88.3989

■ 79.1106, 84.0567,
88.3989

■ 72.9184, 81.2300,
71.7047

■ 85.8156, 87.1132,
106.8993

■ 67.3245, 78.6590,
57.3125

■ 89.2038, 88.8598,
107.0579

■ 62.3095, 76.3383,
45.1227

■ 89.5758, 89.0516,
107.0753

■ 57.8499, 74.2581,
35.0262

■ 53.9205, 72.4081,
26.9047

■ 50.4937, 70.7770,
20.6279

■ 47.5390, 69.3520,
16.0501

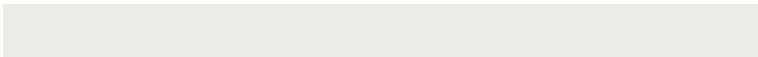
■ 45.0214, 68.1190,
13.0033

■ 42.8996, 67.0610,
11.2856

Harmonies

Analogous

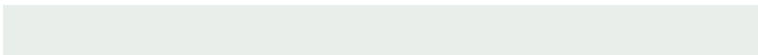
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7651, 84.0567, 87.7156



79.1106, 84.0567, 88.3989



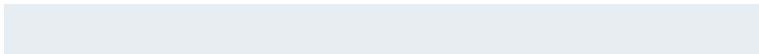
78.6677, 84.0567, 89.9202

Triad

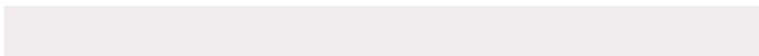
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1106, 84.0567, 88.3989



79.3316, 84.0567, 95.0972



81.2494, 84.0567, 91.1565

Complementary

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



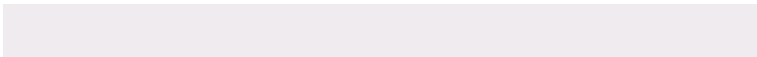
79.1106, 84.0567, 88.3989



78.0775, 81.3223, 91.7067

Split Complementary

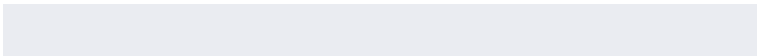
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1317, 84.0567, 93.1457



79.1106, 84.0567, 88.3989



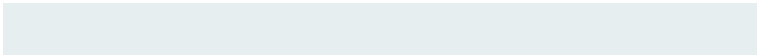
80.0217, 84.0567, 95.4399

Square

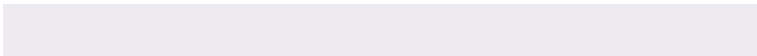
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1106, 84.0567, 88.3989



78.7948, 84.0567, 93.7911



80.6813, 84.0567, 94.7208



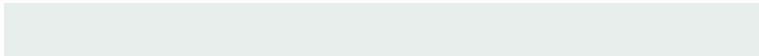
81.0021, 84.0567, 89.2927

Rectangle

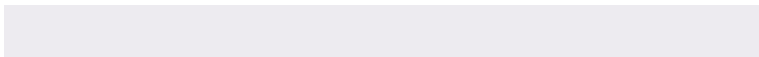
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



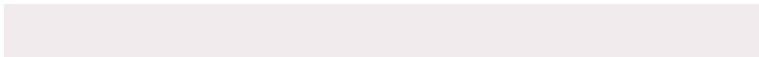
79.1106, 84.0567, 88.3989



78.5507, 84.0567, 91.2150



80.6813, 84.0567, 94.7208



81.2513, 84.0567, 91.8326

Sweetspot

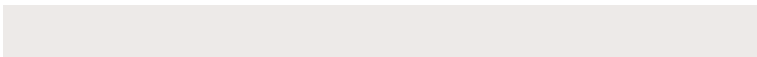
The Sweet Spot groups the original color and five complimentary colors.



79.1130, 84.0603, 88.4007



94.2674, 99.6437, 106.7345



78.9164, 82.6793, 88.1445



20.1854, 21.3316, 22.8684



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

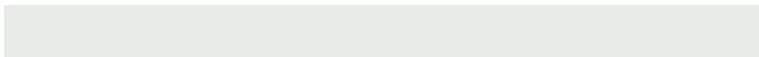
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1130, 84.0603, 88.4007



92.7243, 98.9405, 102.4895



78.2935, 83.6378, 88.3624



16.4806, 17.6495, 18.0454



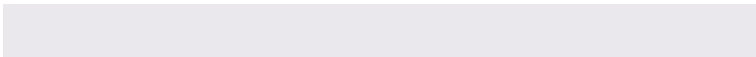
22.7840, 36.2900, 5.8038



1.8972, 2.9054, 0.4608

Inverse Universe

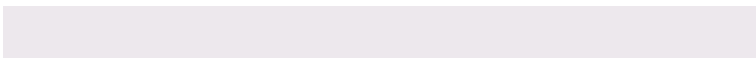
The Inverse Universe completely reimagines the original color for something new.



78.0775, 81.3223, 91.7067



90.9907, 94.3563, 108.0246



78.9040, 81.7484, 91.7454



16.0930, 16.6246, 19.2829



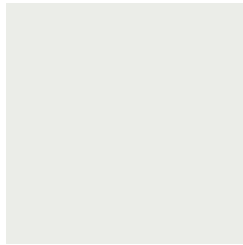
11.0565, 4.7357, 44.0743



0.9742, 0.4265, 3.4659

Previews

White Background



This preview shows how the XYZ color 79.1106, 84.0567, 88.3989 looks on a white background.

Color Contrast Check

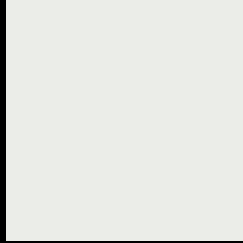
Large Text (above 18pt) WCAG AA × Fail

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 79.1106, 84.0567, 88.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

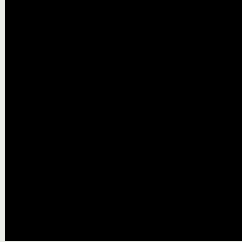
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

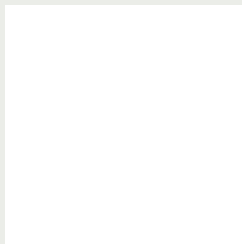
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1106, 84.0567, 88.3989

Background



This preview shows how black text looks on a background with the XYZ color 79.1106, 84.0567, 88.3989.



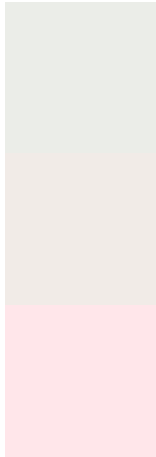
This preview shows how white text looks on a background with the XYZ color 79.1106, 84.0567,

88.3989.

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

79.1106, 84.0567, 88.3989

Protanopia

80.4078, 83.8870, 87.5552

Deuteranopia

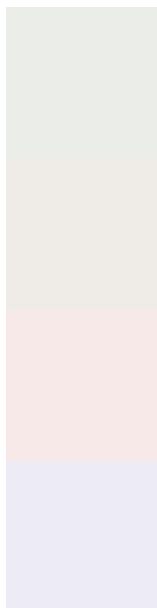
84.3881, 83.7941, 89.5681



Tritanopia

82.2534, 84.0511, 103.9837

Trichromacy



Original Color

79.1106, 84.0567, 88.3989

Protanomaly

80.0159, 84.1111, 87.6191

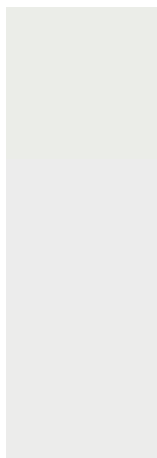
Deuteranomaly

82.5583, 84.1175, 88.9758

Tritanomaly

81.1148, 84.0138, 98.3273

Monochromacy



Original Color

79.1106, 84.0567, 88.3989

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5829, 83.8219, 90.5820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1106, 84.0567, 88.3989 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(235, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 232)  
}
```

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(235, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.1106, 84.0567, 88.3989 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(235, 237, 232) }
```


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

```
.border{ border-color:rgb(235, 237, 232) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1106, 84.0567, 88.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 232) }
```

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

```
.background{ background-color: rgb(235,  
237, 232) }
```

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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