

Converting Colors

XYZ(79.5158, 84.8728, 88.4976)

Have a look what the booklet for
XYZ(79.5158, 84.8728, 88.4976)
contains.

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Color

**XYZ(79.4010, 84.6374,
88.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEEE8
RGB	235, 238, 232
RGB Percent	92%, 93%, 91%
CMY	0.0784, 0.0666, 0.0902
CMYK	0.01, 0.00, 0.03, 0.07
HSL	90°, 15%, 92%
HSV	90°, 3%, 93%
XYZ	79.4010, 84.6374, 88.4957
YIQ	236.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

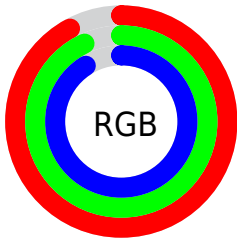
Format	Color
R _Y B	232, 238, 235
Decimal	15462120
CIE Lab	93.73, -2.06, 2.54
CIE LCh	94, 3.266, 128.999
Yxy	84.6374, 0.3144, 0.3352
Android (android.graphics.Color)	4293652200 (0xFFEBEEE8)
YUV	236.4190, -2.1786, -1.2445
Hunter-Lab	91.9986, -6.9400, 7.3665

Details

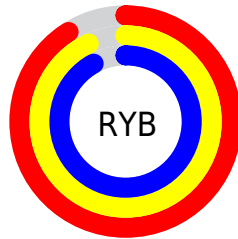
The XYZ color **79.4010, 84.6374, 88.4957** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.5533, 81.5507, 92.4938**, and the grayscale version is **80.0680, 84.2378, 91.7350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1548, 46.1742, 47.7123** is the 20% darker color. If you saturate the color by 10%, you get **72.4464, 81.4191, 71.7015**, and if you desaturate by 10%, it is **86.9521, 88.1300, 107.0357**.

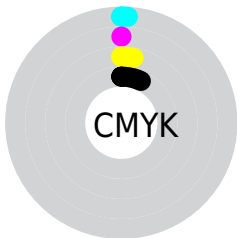
Distribution



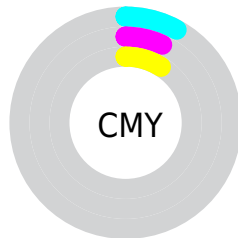
- Red (92%)
- Green (93%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4010, 84.6374, 88.4957 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 79.4010, 84.6374, 88.4957 by changing the saturation by 10% instead.

■ 79.4010, 84.6374,
88.4957

■ 79.4010, 84.6374,
88.4957

481.6792,
510.4275, 543.5685

■ 59.5323, 63.5418,
66.1670

131.4782,
139.8665, 147.1643

■ 43.2898, 46.2797,
47.9506

164.4174,
174.7687, 184.3412

■ 30.3081, 32.4666,
33.4281

202.4442,
215.0420, 227.3047

■ 20.2218, 21.7181,
22.1808

245.9240,
261.0707, 276.4732

■ 12.6656, 13.6499,
13.7902

295.2220,
313.2392, 332.2653

■ 7.2741, 7.8776,
7.8378

350.7036,

■ 3.6819, 4.0167,

371.9319, 395.0995

3.9051

412.7342,
437.5332, 465.3944

■ 1.5238, 1.6829,
1.5734

■ 0.3419, 0.4126,
0.2717

■ 79.4010, 84.6374,
88.4957

■ 79.4010, 84.6374,
88.4957

■ 72.4464, 81.4191,
71.7015

■ 86.9521, 88.1300,
107.0357

■ 66.1871, 78.5061,
57.2326

■ 89.8662, 89.6323,
107.1721

■ 60.6008, 75.8915,
44.9881

■ 55.6611, 73.5641,
34.8572

■ 51.3396, 71.5120,
26.7198

■ 47.6055, 69.7220,
20.4435

■ 44.4244, 68.1798,
15.8803

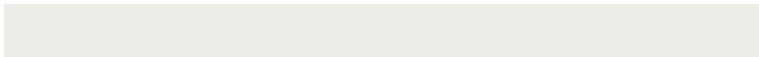
■ 41.7579, 66.8692,
12.8591

■ 39.5601, 65.7713,
11.1737

Harmonies

Analogous

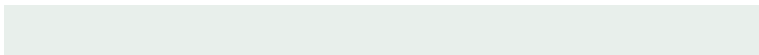
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1849, 84.6374, 87.5211



79.4010, 84.6374, 88.4957



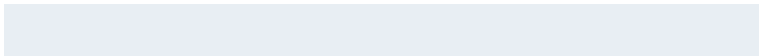
78.8993, 84.6374, 90.4556

Triad

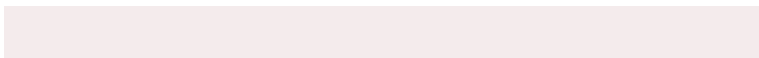
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4010, 84.6374, 88.4957



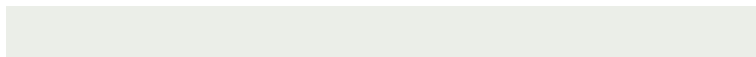
79.8495, 84.6374, 96.6842



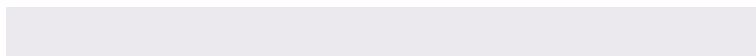
82.1027, 84.6374, 91.4111

Complementary

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



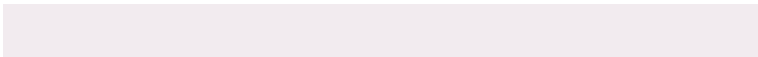
79.4010, 84.6374, 88.4957



78.5533, 81.5507, 92.4938

Split Complementary

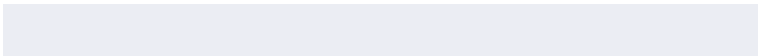
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0113, 84.6374, 93.8770



79.4010, 84.6374, 88.4957



80.7063, 84.6374, 96.9511

Square

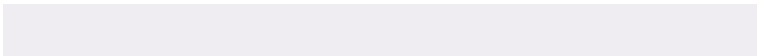
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



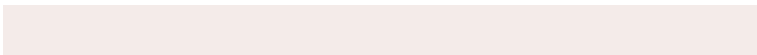
79.4010, 84.6374, 88.4957



79.1570, 84.6374, 95.1924



81.4987, 84.6374, 95.9153



81.7476, 84.6374, 89.1844

Rectangle

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



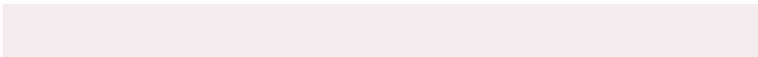
79.4010, 84.6374, 88.4957



78.7904, 84.6374, 92.0724



81.4987, 84.6374, 95.9153



82.1233, 84.6374, 92.2392

Sweetspot

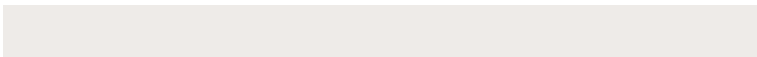
The Sweet Spot groups the original color and five complimentary colors.



79.4034, 84.6410, 88.4975



94.1743, 99.5957, 106.7302



79.5369, 83.4231, 88.2554



20.1664, 21.3218, 22.8675



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.



79.4034, 84.6410, 88.4975



92.4484, 98.7983, 102.4766



78.4211, 84.1347, 88.4516



17.1931, 18.4492, 18.8914



21.4452, 36.3770, 5.8912



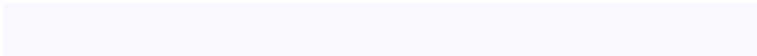
1.8988, 3.0854, 0.4955

Inverse Universe

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



78.5533, 81.5507, 92.4938



91.2655, 94.4980, 108.0375



79.5523, 82.0657, 92.5406



16.9155, 17.4401, 20.1963



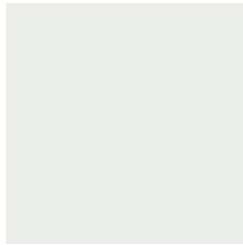
13.0095, 5.7121, 45.5447



1.1970, 0.5343, 3.7943

Previews

White Background



This preview shows how the XYZ color 79.4010, 84.6374, 88.4957 looks on a white background.

Color Contrast Check

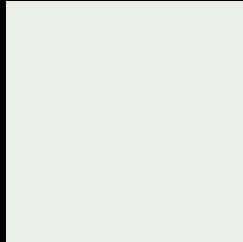
Large Text (above 18pt) WCAG AA × Fail

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 79.4010, 84.6374, 88.4957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

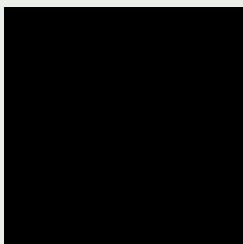
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

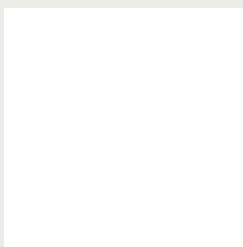
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4010, 84.6374, 88.4957

Background



This preview shows how black text looks on a background with the XYZ color 79.4010, 84.6374, 88.4957.



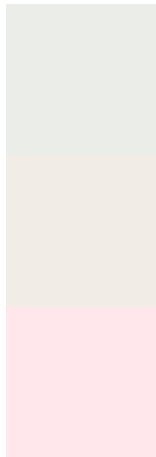
This preview shows how white text looks on a background with the XYZ color 79.4010, 84.6374,

88.4957.

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

79.4010, 84.6374, 88.4957

Protanopia

81.0372, 84.6377, 87.6669

Deuteranopia

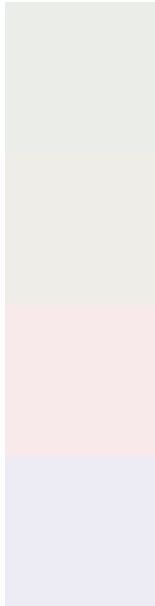
84.8113, 84.4100, 90.4200



Tritanopia

82.6978, 84.6857, 104.9158

Trichromacy



Original Color

79.4010, 84.6374, 88.4957

Protanomaly

80.3046, 84.6886, 87.7153

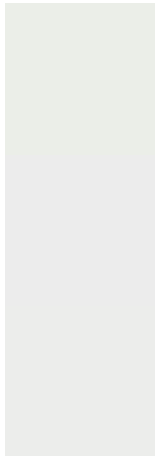
Deuteranomaly

82.9855, 84.7426, 89.8251

Tritanomaly

81.4019, 84.5880, 98.4230

Monochromacy



Original Color

79.4010, 84.6374, 88.4957

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.8717, 84.3994, 90.6783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4010, 84.6374, 88.4957 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, 238, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 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, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.4010, 84.6374, 88.4957 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, 238, 232) }
```


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

```
.border{ border-color:rgb(235, 238, 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, 238, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4010, 84.6374, 88.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 232) }
```

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

```
.background{ background-color: rgb(235,  
238, 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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