

Converting Colors

XYZ(76.5407, 78.4833, 88.3291)

Have a look what the booklet for
XYZ(76.5407, 78.4833, 88.3291)
contains.

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Color

**XYZ(76.4380, 78.4835,
88.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE3E9
RGB	235, 227, 233
RGB Percent	92%, 89%, 91%
CMY	0.0784, 0.1098, 0.0863
CMYK	0.00, 0.03, 0.01, 0.08
HSL	315°, 17%, 91%
HSV	315°, 3%, 92%
XYZ	76.4380, 78.4835, 88.2109
YIQ	230.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

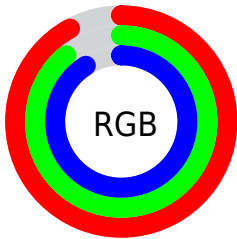
Format	Color
R_{YB}	235, 227, 233
Decimal	15459305
CIE _{Lab}	91.00, 3.76, -1.96
CIE _{LCh}	91, 4.246, 332.474
Yxy	78.4835, 0.3144, 0.3228
Android (android.graphics.Color)	4293649385 (0xFFE3E9)
YUV	230.0760, 1.4415, 4.3183
Hunter-Lab	88.5909, -1.0208, 2.9780

Details

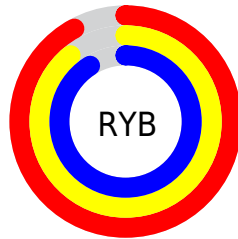
The XYZ color **76.4380, 78.4835, 88.2109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5327, 81.4068, 85.8648**, and the grayscale version is **75.2601, 79.1795, 86.2265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2787, 42.2631, 47.5769** is the 20% darker color. If you saturate the color by 10%, you get **69.6191, 66.1663, 81.8646**, and if you desaturate by 10%, it is **84.1666, 92.5732, 95.0003**.

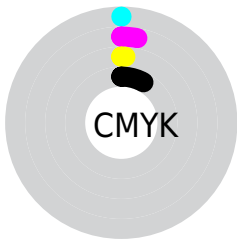
Distribution



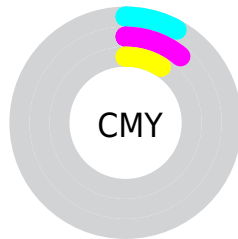
- Red (92%)
- Green (89%)
- Blue (91%)



- Red (92%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4380, 78.4835, 88.2109 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 76.4380, 78.4835, 88.2109 by changing the saturation by 10% instead.

76.4380, 78.4835,
88.2109

76.4380, 78.4835,
88.2109

471.7671,
489.8073, 542.6128

57.0900, 58.4712,
65.9324

127.3229,
131.2315, 146.7645

41.3180, 42.1876,
47.7614

159.5906,
164.7360, 183.8766

28.7564, 29.2482,
33.2793

196.8956,
203.5067, 226.7704

19.0400, 19.2687,
22.0676

239.6032,
247.9281, 275.8644

11.8033, 11.8646,
13.7078

288.0788,
298.3844, 331.5771

6.6812, 6.6515,
7.7813

342.6877,

3.3081, 3.2451,

355.2601, 394.3270

3.8696

403.7954,
418.9396, 464.5327

■ 1.3187, 1.2610,
1.5541

■ 0.1971, 0.1107,
0.2577

■ 76.4380, 78.4835,
88.2109

■ 76.4380, 78.4835,
88.2109

■ 69.6191, 66.1663,
81.8646

■ 84.1666, 92.5732,
95.0003

■ 63.6677, 55.5406,
75.9432

■ 86.4658, 95.7602,
100.1183

■ 58.5479, 46.5345,
70.4344

■ 87.3765, 96.1245,
104.9141

■ 54.2191, 39.0666,
65.3232

■ 88.0714, 96.4024,
108.5734

■ 50.6367, 33.0488,
60.5935

■ 47.7520, 28.3837,
56.2275

■ 45.5102, 24.9622,
52.2055

■ 43.8478, 22.6580,
48.5050

■ 42.6880, 21.3179,
45.0988

Harmonies

Analogous

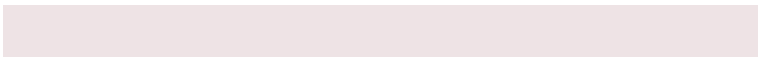
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7077, 78.4835, 90.5297



76.4380, 78.4835, 88.2109



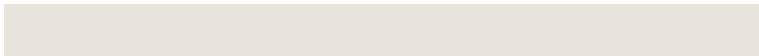
76.6733, 78.4835, 85.2008

Triad

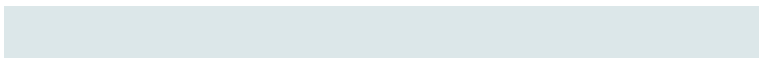
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4380, 78.4835, 88.2109



74.5073, 78.4835, 79.6954



72.8718, 78.4835, 88.6622

Complementary

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



76.4380, 78.4835, 88.2109



75.5327, 81.4068, 85.8648

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.



72.5570, 78.4835, 85.7101



76.4380, 78.4835, 88.2109



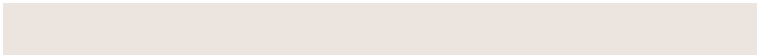
73.4956, 78.4835, 80.5739

Square

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



76.4380, 78.4835, 88.2109



75.5523, 78.4835, 80.3293



72.7843, 78.4835, 82.7575



73.6482, 78.4835, 90.7946

Rectangle

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



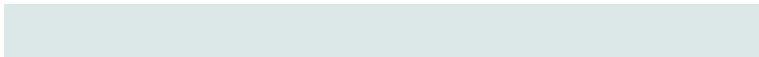
76.4380, 78.4835, 88.2109



76.5160, 78.4835, 83.2197



72.7843, 78.4835, 82.7575



72.7088, 78.4835, 87.7303

Sweetspot

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



76.4402, 78.4869, 88.2126



94.1394, 98.3428, 108.0907



74.7807, 77.5982, 89.6350



20.1593, 21.0669, 23.1444



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

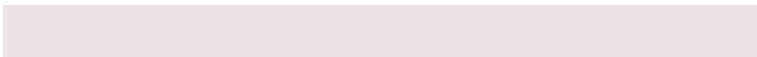
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4402, 78.4869, 88.2126



91.4738, 93.5006, 105.6950



75.8755, 78.2610, 85.2389



16.2512, 16.5238, 18.8050



23.4951, 11.6007, 24.2063



1.8829, 0.9261, 2.1010

Inverse Universe

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



76.4402, 78.4869, 88.2126



91.4738, 93.5006, 105.6950



76.0974, 81.6326, 88.8386



16.2512, 16.5238, 18.8050



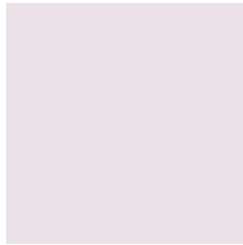
23.4951, 11.6007, 24.2063



1.8829, 0.9261, 2.1010

Previews

White Background



This preview shows how the XYZ color 76.4380, 78.4835, 88.2109 looks on a white background.

Color Contrast Check

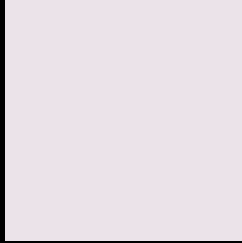
Large Text (above 18pt) WCAG AA × Fail

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 76.4380, 78.4835, 88.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

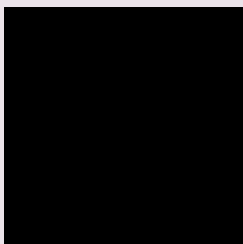
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

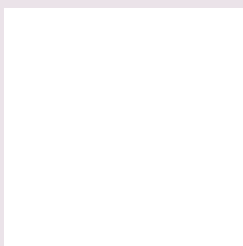
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4380, 78.4835, 88.2109

Background



This preview shows how black text looks on a background with the XYZ color 76.4380, 78.4835, 88.2109.

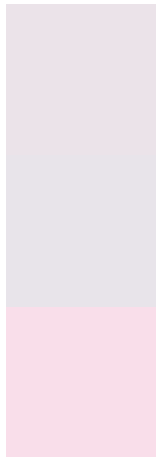


This preview shows how white text looks on a background with the XYZ color 76.4380, 78.4835,

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

76.4380, 78.4835, 88.2109

Protanopia

75.8734, 78.5831, 89.0110

Deuteranopia

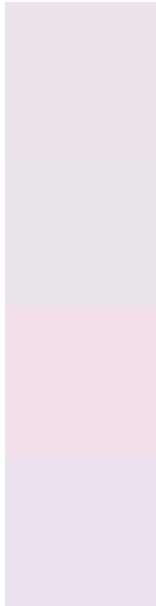
80.0395, 78.3228, 88.7412



Tritanopia

78.0279, 78.3260, 95.7999

Trichromacy



Original Color

76.4380, 78.4835, 88.2109

Protanomaly

76.1990, 78.7510, 89.0262

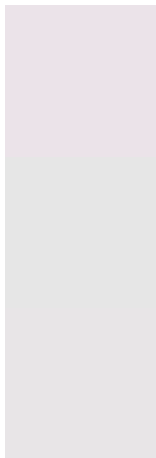
Deuteranomaly

78.8152, 78.4849, 88.8370

Tritanomaly

77.3684, 78.4576, 92.7274

Monochromacy



Original Color

76.4380, 78.4835, 88.2109

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7218, 78.9639, 86.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4380, 78.4835, 88.2109 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, 227, 233) looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 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(235, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.4380, 78.4835, 88.2109 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, 227, 233) }
```


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

```
.border{ border-color:rgb(235, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4380, 78.4835, 88.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 233) }
```

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

```
.background{ background-color: rgb(235,  
227, 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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