

Converting Colors

XYZ(76.0293, 75.9498, 88.9100)

Have a look what the booklet for
XYZ(76.0293, 75.9498, 88.9100)
contains.

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Color

**XYZ(76.1117, 75.8882,
89.2336)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDEB
RGB	238, 221, 235
RGB Percent	93%, 87%, 92%
CMY	0.0667, 0.1333, 0.0784
CMYK	0.00, 0.07, 0.01, 0.07
HSL	311°, 33%, 90%
HSV	311°, 7%, 93%
XYZ	76.1117, 75.8882, 89.2336
YIQ	227.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

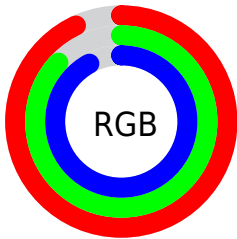
Format	Color
R _Y B	238, 221, 235
Decimal	15654379
CIE Lab	89.81, 8.24, -4.74
CIE LCh	90, 9.507, 330.120
Yxy	75.8882, 0.3155, 0.3146
Android (android.graphics.Color)	4293844459 (0xFFEEDDEB)
YUV	227.6790, 3.6093, 9.0515
Hunter-Lab	87.1138, 3.5069, 0.2470

Details

The XYZ color **76.1117, 75.8882, 89.2336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8507, 81.9050, 82.4418**, and the grayscale version is **73.4818, 77.3085, 84.1890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0643, 40.4722, 48.2954** is the 20% darker color. If you saturate the color by 10%, you get **69.6689, 63.9615, 84.1275**, and if you desaturate by 10%, it is **83.4639, 89.6087, 94.7154**.

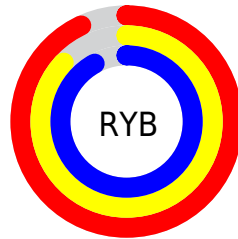
Distribution



Red (93%)

Green (87%)

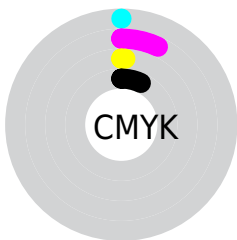
Blue (92%)



Red (93%)

Yellow (87%)

Blue (92%)

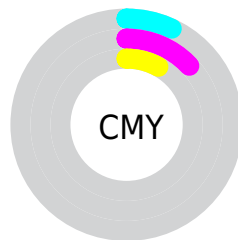


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1117, 75.8882, 89.2336 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 76.1117, 75.8882, 89.2336 by changing the saturation by 10% instead.


 76.1117, 75.8882,
89.2336

 76.1117, 75.8882,
89.2336


470.6685,
480.9649, 546.0403

 56.8215, 56.3408,
66.7750


126.8643,
127.5689, 148.1996

 41.1015, 40.4763,
48.4414


159.0574,
160.4709, 185.5441

 28.5864, 27.9101,
33.8141


196.2822,
198.5934, 228.6876

 18.9109, 18.2579,
22.4746

238.9040,
242.3206, 278.0488

 11.7095, 11.1353,
14.0044

287.2881,
292.0370, 334.0461

 6.6170, 6.1579,
7.9849

341.8000,

 3.2679, 2.9413,

348.1269, 397.0981

3.9977

402.8050,
410.9747, 467.6233

■ 1.2970, 1.1012,
1.6241

■ 0.1810, 0.0000,
0.3079

■ 76.1117, 75.8882,
89.2336

■ 76.1117, 75.8882,
89.2336

■ 69.6689, 63.9615,
84.1275

■ 83.4639, 89.6087,
94.7154

■ 64.0917, 53.7442,
79.3793

■ 87.2590, 96.1928,
99.0818

■ 59.3421, 45.1596,
74.9767

■ 87.9023, 96.4501,
102.4692

■ 55.3771, 38.1216,
70.9049

■ 88.5602, 96.7133,
105.9336

■ 52.1494, 32.5360,
67.1476

■ 89.0703, 96.9174,
108.6202

■ 49.6067, 28.2983,
63.6870

■ 47.6898, 25.2901,
60.5027

■ 46.3291, 23.3724,
57.5711

■ 45.4344, 22.3652,
54.8616

Harmonies

Analogous

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



74.4168, 75.8882, 94.3147



76.1117, 75.8882, 89.2336



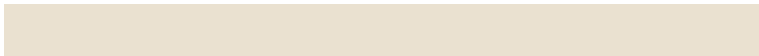
76.7349, 75.8882, 82.6023

Triad

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



76.1117, 75.8882, 89.2336



72.1200, 75.8882, 70.3725



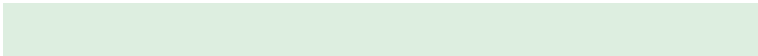
68.2977, 75.8882, 89.2830

Complementary

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



76.1117, 75.8882, 89.2336



73.8507, 81.9050, 82.4418

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.



67.7121, 75.8882, 82.6564



76.1117, 75.8882, 89.2336



69.8895, 75.8882, 71.9514

Square

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



76.1117, 75.8882, 89.2336



74.4000, 75.8882, 71.9267



68.2886, 75.8882, 76.3593



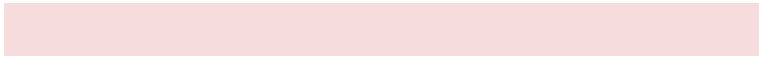
69.9055, 75.8882, 94.3443

Rectangle

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



76.1117, 75.8882, 89.2336



76.4484, 75.8882, 78.2647



68.2886, 75.8882, 76.3593



67.9764, 75.8882, 87.1533

Sweetspot

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



76.1139, 75.8915, 89.2352



93.2999, 96.7312, 107.6033



71.9811, 73.7104, 91.3237



19.9884, 20.7387, 23.0452



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.



76.1139, 75.8915, 89.2352



87.5153, 85.9632, 103.2047



74.9380, 75.4211, 83.0432



16.3275, 15.9807, 19.2810



25.2731, 12.3817, 30.4182



2.1335, 1.0425, 2.6940

Inverse Universe

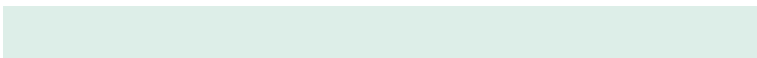
The Inverse Universe completely reimagines the original color for something new.



76.1139, 75.8915, 89.2352



87.5153, 85.9632, 103.2047



75.0087, 82.3682, 88.5398



16.3275, 15.9807, 19.2810



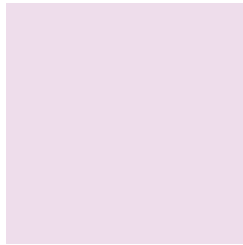
25.2731, 12.3817, 30.4182



2.1335, 1.0425, 2.6940

Previews

White Background



This preview shows how the XYZ color 76.1117, 75.8882, 89.2336 looks on a white background.

Color Contrast Check

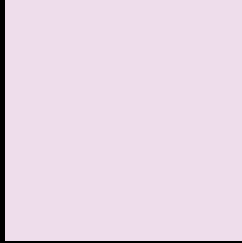
Large Text (above 18pt) WCAG AA × Fail

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 76.1117, 75.8882, 89.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

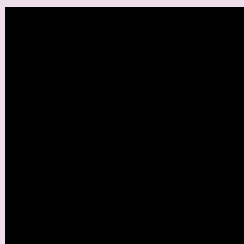
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

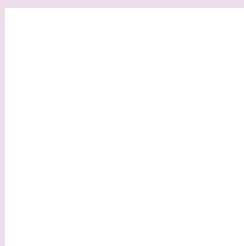
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1117, 75.8882, 89.2336

Background



This preview shows how black text looks on a background with the XYZ color 76.1117, 75.8882, 89.2336.

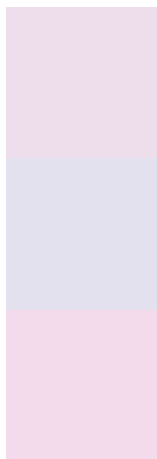


This preview shows how white text looks on a background with the XYZ color 76.1117, 75.8882,

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

76.1117, 75.8882, 89.2336

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

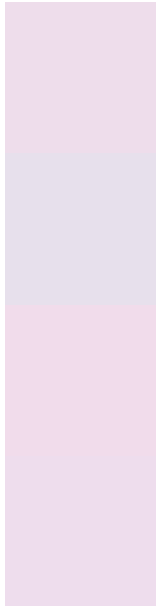
77.2891, 75.7159, 89.1383



Tritanopia

76.5490, 76.0631, 91.5360

Trichromacy



Original Color

76.1117, 75.8882, 89.2336

Protanomaly

74.7510, 76.3564, 90.1553

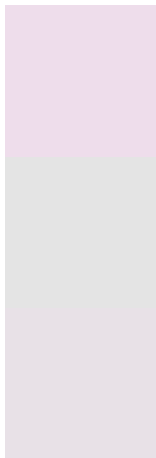
Deuteranomaly

76.8642, 75.8853, 89.1934

Tritanomaly

76.4024, 76.0045, 90.7643

Monochromacy



Original Color

76.1117, 75.8882, 89.2336

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6277, 76.7758, 86.4872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1117, 75.8882, 89.2336 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, 221, 235) looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 235)  
}
```

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, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.1117, 75.8882, 89.2336 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, 221, 235) }
```


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

```
.border{ border-color:rgb(238, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1117, 75.8882, 89.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 235) }
```

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

```
.background{ background-color: rgb(238,  
221, 235) }
```

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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