

Converting Colors

XYZ(76.6974, 76.2514, 86.8169)

Have a look what the booklet for
XYZ(76.6974, 76.2514, 86.8169)
contains.

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Color

**XYZ(76.6976, 76.2399,
87.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DDE8
RGB	241, 221, 232
RGB Percent	95%, 87%, 91%
CMY	0.0549, 0.1333, 0.0902
CMYK	0.00, 0.08, 0.04, 0.05
HSL	327°, 42%, 91%
HSV	327°, 8%, 95%
XYZ	76.6976, 76.2399, 87.0173
YIQ	228.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

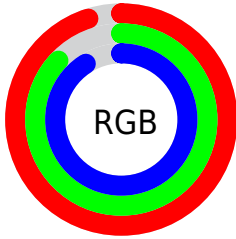
Format	Color
R _Y B	241, 221, 232
Decimal	15850984
CIE Lab	89.97, 8.73, -2.89
CIE LCh	90, 9.195, 341.666
Yxy	76.2399, 0.3196, 0.3177
Android (android.graphics.Color)	4294041064 (0xFFFF1DDE8)
YUV	228.2340, 1.8566, 11.1958
Hunter-Lab	87.3155, 3.9917, 2.0333

Details

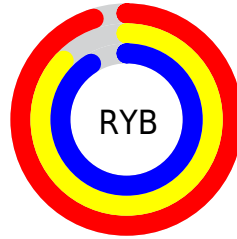
The XYZ color **76.6976, 76.2399, 87.0173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5600, 83.9980, 87.0979**, and the grayscale version is **73.8985, 77.7469, 84.6664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4803, 40.7213, 46.7480** is the 20% darker color. If you saturate the color by 10%, you get **69.2926, 63.8193, 77.1806**, and if you desaturate by 10%, it is **85.1154, 90.5318, 97.6627**.

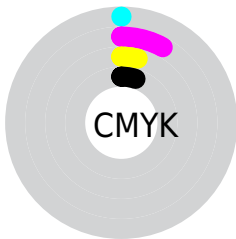
Distribution



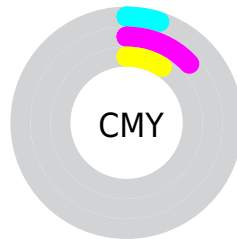
- Red (95%)
- Green (87%)
- Blue (91%)



- Red (95%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6976, 76.2399, 87.0173 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 76.6976, 76.2399, 87.0173 by changing the saturation by 10% instead.


 76.6976, 76.2399,
87.0173

 76.6976, 76.2399,
87.0173


472.6401,
482.1685, 538.5974

 57.3038, 56.6292,
64.9498


127.6876,
128.0660, 145.0873

 41.4903, 40.7077,
46.9693


160.0146,
161.0502, 181.9270

 28.8917, 28.0907,
32.6572


197.3832,
199.2610, 224.5277

 19.1428, 18.3941,
21.5950

240.1590,
243.0829, 273.3082

 11.8781, 11.2333,
13.3642

288.7072,
292.9001, 328.6868

 6.7324, 6.2240,
7.5461

343.3932,

 3.3401, 2.9817,

349.0973, 391.0822

3.7223

404.5824,
412.0586, 460.9129

■ 1.3361, 1.1222,
1.4743

■ 0.2100, 0.0000,
0.1987

■ 76.6976, 76.2399,
87.0173

■ 76.6976, 76.2399,
87.0173

■ 69.2926, 63.8193,
77.1806

■ 85.1154, 90.5318,
97.6627

■ 62.8535, 53.1820,
68.1258

■ 89.8769, 97.3573,
107.5658

■ 57.3393, 44.2477,
59.8315

■ 90.0861, 97.4410,
108.6677

■ 52.7031, 36.9258,
52.2734

■ 48.8942, 31.1175,
45.4251

■ 45.8560, 26.7128,
39.2585

■ 43.5245, 23.5870,
33.7425

■ 41.8243, 21.5925,
28.8417

■ 40.6500, 20.5219,
24.5105

Harmonies

Analogous

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



75.4120, 76.2399, 92.7311



76.6976, 76.2399, 87.0173



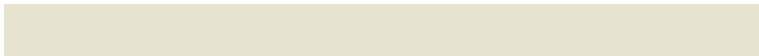
76.8345, 76.2399, 80.5038

Triad

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



76.6976, 76.2399, 87.0173



71.5825, 76.2399, 71.3333



69.2436, 76.2399, 91.6258

Complementary

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



76.6976, 76.2399, 87.0173



75.5600, 83.9980, 87.0979

Split Complementary

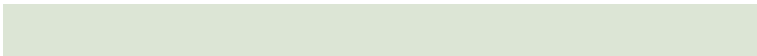
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2620, 76.2399, 85.5724



76.6976, 76.2399, 87.0173



69.5933, 76.2399, 73.9974

Square

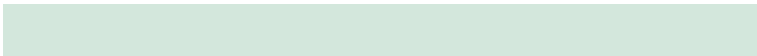
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6976, 76.2399, 87.0173



73.8490, 76.2399, 71.6749



68.3886, 76.2399, 79.1321



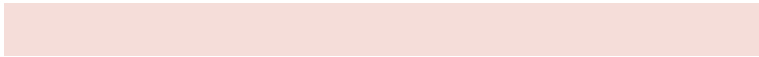
71.0959, 76.2399, 95.4863

Rectangle

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



76.6976, 76.2399, 87.0173



76.2525, 76.2399, 76.6052



68.3886, 76.2399, 79.1321



68.8026, 76.2399, 89.7670

Sweetspot

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



76.6998, 76.2432, 87.0189



93.0771, 96.6421, 106.4300



74.3697, 74.8905, 93.7558



19.9430, 20.7206, 22.8064



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

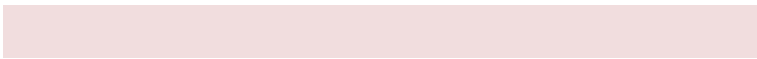
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6998, 76.2432, 87.0189



85.6546, 84.0784, 96.9227



75.3196, 75.6912, 79.7512



16.1365, 15.9043, 18.2753



22.0186, 11.0799, 13.2805



1.8818, 0.9418, 1.3686

Inverse Universe

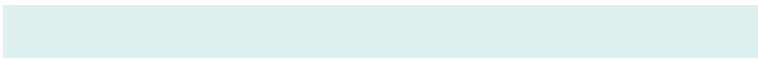
The Inverse Universe completely reimagines the original color for something new.



76.6998, 76.2432, 87.0189



85.6546, 84.0784, 96.9227



77.0047, 84.5759, 94.7056



16.1365, 15.9043, 18.2753



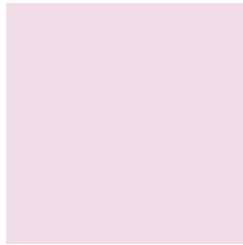
22.0186, 11.0799, 13.2805



1.8818, 0.9418, 1.3686

Previews

White Background



This preview shows how the XYZ color 76.6976, 76.2399, 87.0173 looks on a white background.

Color Contrast Check

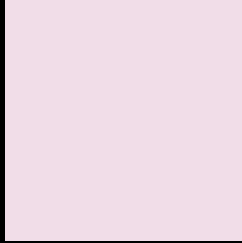
Large Text (above 18pt) WCAG AA × Fail

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 76.6976, 76.2399, 87.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

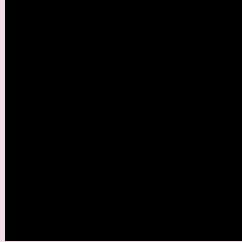
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6976, 76.2399, 87.0173

Background



This preview shows how black text looks on a background with the XYZ color 76.6976, 76.2399, 87.0173.

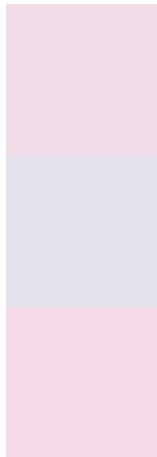


This preview shows how white text looks on a background with the XYZ color 76.6976, 76.2399,

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

76.6976, 76.2399, 87.0173

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

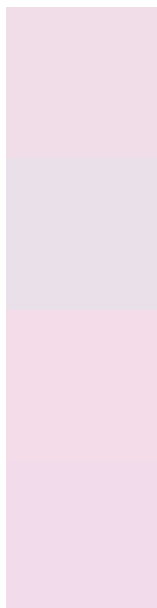
77.5532, 75.9017, 86.9069



Tritanopia

77.4972, 76.1781, 90.7401

Trichromacy



Original Color

76.6976, 76.2399, 87.0173

Protanomaly

74.9679, 76.5181, 87.9090

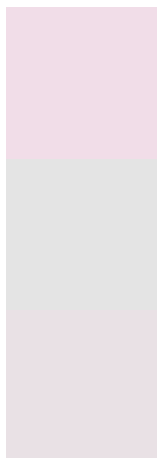
Deuteranomaly

77.4669, 76.2457, 86.9779

Tritanomaly

77.2065, 76.0618, 89.2094

Monochromacy



Original Color

76.6976, 76.2399, 87.0173

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6723, 76.8312, 85.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6976, 76.2399, 87.0173 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(241, 221, 232) looks like.

```
.text, #text, p{  
    color:rgb(241, 221, 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(241, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 76.6976, 76.2399, 87.0173 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(241, 221, 232) }
```


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

```
.border{ border-color:rgb(241, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6976, 76.2399, 87.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 221, 232) }
```

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

```
.background{ background-color: rgb(241,  
221, 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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