

Converting Colors

XYZ(76.1906, 74.0648, 88.2746)

Have a look what the booklet for
XYZ(76.1906, 74.0648, 88.2746)
contains.

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Color

**XYZ(76.0251, 73.9295,
88.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D8EA
RGB	242, 216, 234
RGB Percent	95%, 85%, 92%
CMY	0.0510, 0.1529, 0.0823
CMYK	0.00, 0.11, 0.03, 0.05
HSL	318°, 50%, 90%
HSV	318°, 11%, 95%
XYZ	76.0251, 73.9295, 88.1048
YIQ	225.8260, 9.7180, 11.1100

Conversions

Conversions Part 2

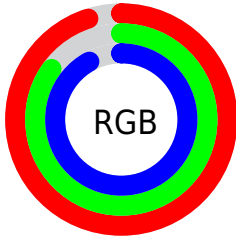
Format	Color
R _Y B	242, 216, 234
Decimal	15915242
CIE Lab	88.89, 12.03, -5.53
CIE LCh	89, 13.234, 335.316
Yxy	73.9295, 0.3194, 0.3106
Android (android.graphics.Color)	4294105322 (0xFFFF2D8EA)
YUV	225.8260, 4.0298, 14.1846
Hunter-Lab	85.9823, 7.3599, -0.5660

Details

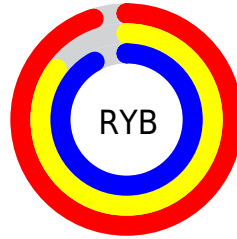
The XYZ color **76.0251, 73.9295, 88.1048** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5284, 83.4870, 82.7642**, and the grayscale version is **72.1318, 75.8882, 82.6423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0305, 39.1432, 47.5123** is the 20% darker color. If you saturate the color by 10%, you get **69.2290, 62.0129, 80.6717**, and if you desaturate by 10%, it is **83.7835, 87.6966, 96.0823**.

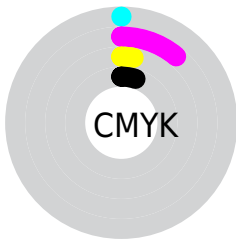
Distribution



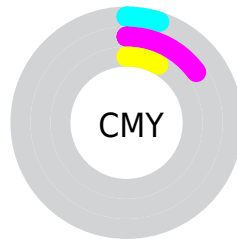
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0251, 73.9295, 88.1048 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 76.0251, 73.9295, 88.1048 by changing the saturation by 10% instead.

76.0251, 73.9295,
88.1048

76.0251, 73.9295,
88.1048

470.3767,
474.2300, 542.2566

56.7502, 54.7363,
65.8450

126.7426,
124.7959, 146.6155

41.0441, 39.1907,
47.6909

158.9158,
157.2379, 183.7035

28.5414, 26.9081,
33.2239

196.1193,
194.8649, 226.5713

18.8767, 17.5042,
22.0255

238.7183,
238.0614, 275.6374

11.6847, 10.5946,
13.6772

287.0782,
287.2118, 331.3205

6.6000, 5.7950,
7.7603

341.5643,

3.2573, 2.7208,

342.7004, 394.0390

3.8564

402.5420,
404.9117, 464.2115

■ 1.2913, 0.9878,
1.5469

■ 0.1767, 0.0000,
0.2525

■ 76.0251, 73.9295,
88.1048

■ 76.0251, 73.9295,
88.1048

■ 69.2290, 62.0129,
80.6717

■ 83.7835, 87.6966,
96.0823

■ 63.3486, 51.8574,
73.7622

■ 89.4611, 97.2306,
103.5899

■ 58.3426, 43.3806,
67.3607

■ 90.4284, 97.6175,
108.6837

■ 54.1642, 36.4898,
61.4487

■ 50.7622, 31.0832,
56.0064

■ 48.0791, 27.0471,
51.0116

■ 46.0493, 24.2511,
46.4395

■ 44.5944, 22.5394,
42.2610

■ 43.6424, 21.6871,
38.7015

Harmonies

Analogous

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



73.8957, 73.9295, 95.7953



76.0251, 73.9295, 88.1048



76.5928, 73.9295, 78.8704

Triad

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



76.0251, 73.9295, 88.1048



69.6976, 73.9295, 64.1512



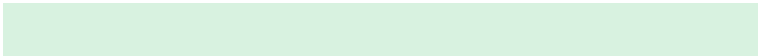
65.3519, 73.9295, 91.1512

Complementary

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



76.0251, 73.9295, 88.1048



73.5284, 83.4870, 82.7642

Split Complementary

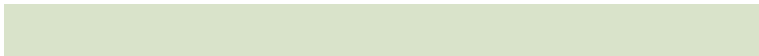
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3009, 73.9295, 82.1451



76.0251, 73.9295, 88.1048



66.7606, 73.9295, 66.9203

Square

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



76.0251, 73.9295, 88.1048



72.8764, 73.9295, 65.4831



64.8087, 73.9295, 73.3396



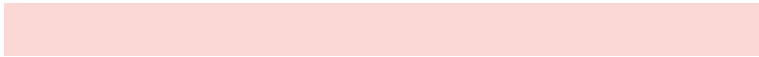
67.7222, 73.9295, 97.6457

Rectangle

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



76.0251, 73.9295, 88.1048



75.9948, 73.9295, 73.1737



64.8087, 73.9295, 73.3396



64.8360, 73.9295, 88.2925

Sweetspot

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



76.0272, 73.9327, 88.1064



92.2811, 95.0651, 106.1186



71.2644, 71.3416, 94.0197



19.5972, 20.0726, 22.5567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

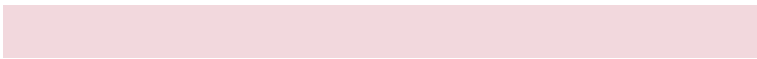
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0272, 73.9327, 88.1064



83.7721, 80.0032, 97.2519



74.2542, 73.2235, 78.7697



16.2351, 15.9437, 18.7941



23.5087, 11.6759, 21.1272



2.0000, 0.9890, 1.9907

Inverse Universe

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



76.0272, 73.9327, 88.1064



83.7721, 80.0032, 97.2519



75.3303, 84.2077, 92.2527



16.2351, 15.9437, 18.7941



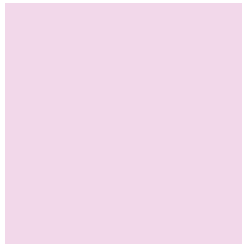
23.5087, 11.6759, 21.1272



2.0000, 0.9890, 1.9907

Previews

White Background



This preview shows how the XYZ color 76.0251, 73.9295, 88.1048 looks on a white background.

Color Contrast Check

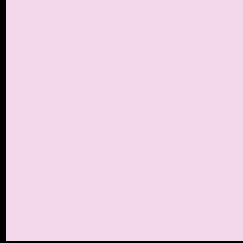
Large Text (above 18pt) WCAG AA × Fail

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 76.0251, 73.9295, 88.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

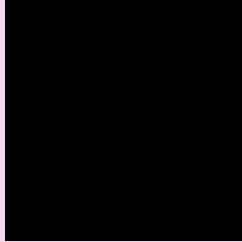
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0251, 73.9295, 88.1048

Background



This preview shows how black text looks on a background with the XYZ color 76.0251, 73.9295, 88.1048.



This preview shows how white text looks on a background with the XYZ color 76.0251, 73.9295,

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

76.0251, 73.9295, 88.1048

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

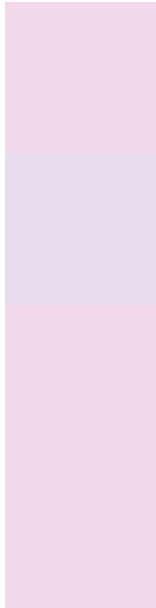
75.5993, 74.0915, 88.1585



Tritanopia

75.8818, 73.8722, 87.3501

Trichromacy



Original Color

76.0251, 73.9295, 88.1048

Protanomaly

73.5124, 74.1238, 90.5536

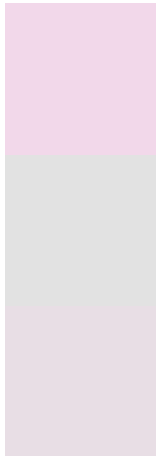
Deuteranomaly

75.9398, 74.2670, 88.1744

Tritanomaly

75.8818, 73.8722, 87.3501

Monochromacy



Original Color

76.0251, 73.9295, 88.1048

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5428, 75.0555, 84.7398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0251, 73.9295, 88.1048 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(242, 216, 234) looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 234)  
}
```

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(242, 216, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.0251, 73.9295, 88.1048 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(242, 216, 234) }
```


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

```
.border{ border-color:rgb(242, 216, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0251, 73.9295, 88.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 234) }
```

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

```
.background{ background-color: rgb(242,  
216, 234) }
```

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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