

Converting Colors

XYZ(76.6491, 75.1036, 88.1164)

Have a look what the booklet for
XYZ(76.6491, 75.1036, 88.1164)
contains.

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Color

**XYZ(76.5406, 74.9606,
88.2766)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DAEA
RGB	242, 218, 234
RGB Percent	95%, 85%, 92%
CMY	0.0510, 0.1451, 0.0823
CMYK	0.00, 0.10, 0.03, 0.05
HSL	320°, 48%, 90%
HSV	320°, 10%, 95%
XYZ	76.5406, 74.9606, 88.2766
YIQ	227.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

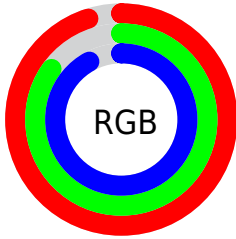
Format	Color
R _Y B	242, 218, 234
Decimal	15915754
CIE Lab	89.37, 10.98, -4.81
CIE LCh	89, 11.987, 336.338
Yxy	74.9606, 0.3192, 0.3126
Android (android.graphics.Color)	4294105834 (0xFFFF2DAEA)
YUV	227.0000, 3.4510, 13.1550
Hunter-Lab	86.5798, 6.2878, 0.1539

Details

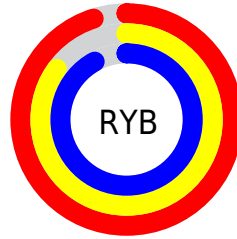
The XYZ color **76.5406, 74.9606, 88.2766** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3959, 83.9026, 84.2292**, and the grayscale version is **72.9865, 76.7875, 83.6216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3828, 39.8478, 47.6298** is the 20% darker color. If you saturate the color by 10%, you get **69.5853, 62.8619, 80.3696**, and if you desaturate by 10%, it is **84.4693, 88.9193, 96.7702**.

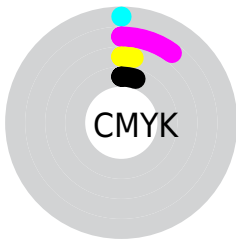
Distribution



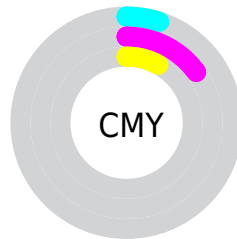
- Red (95%)
- Green (85%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5406, 74.9606, 88.2766 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 76.5406, 74.9606, 88.2766 by changing the saturation by 10% instead.


 76.5406, 74.9606,
88.2766

 76.5406, 74.9606,
88.2766


472.1123,
477.7821, 542.8334

 57.1745, 55.5806,
65.9865


127.4671,
126.2566, 146.8567

 41.3861, 39.8668,
47.8051


159.7582,
158.9414, 183.9838

 28.8099, 27.4347,
33.3136


197.0883,
196.8299, 226.8937

 19.0806, 17.9000,
22.0937

239.8229,
240.3065, 276.0049

 11.8329, 10.8782,
13.7268

288.3272,
289.7557, 331.7359

 6.7014, 5.9850,
7.7943

342.9666,

 3.3207, 2.8359,

345.5617, 394.5053

3.8777

404.1065,
408.1091, 464.7316

■ 1.3255, 1.0467,
1.5585

■ 0.2022, 0.0000,
0.2610

■ 76.5406, 74.9606,
88.2766

■ 76.5406, 74.9606,
88.2766

■ 69.5853, 62.8619,
80.3696

■ 84.4693, 88.9193,
96.7702

■ 63.5565, 52.5341,
73.0277

■ 89.6553, 97.3082,
104.6126

■ 58.4134, 43.8954,
66.2344

■ 90.4284, 97.6175,
108.6837

■ 54.1094, 36.8536,
59.9708

■ 50.5931, 31.3076,
54.2162

■ 47.8079, 27.1449,
48.9477

■ 45.6885, 24.2365,
44.1401

■ 44.1579, 22.4293,
39.7635

■ 43.0880, 21.4689,
35.7714

Harmonies

Analogous

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



74.6430, 74.9606, 95.3374



76.5406, 74.9606, 88.2766



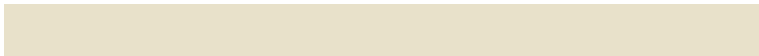
77.0028, 74.9606, 79.8489

Triad

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



76.5406, 74.9606, 88.2766



70.6269, 74.9606, 66.5922



66.7996, 74.9606, 91.5716

Complementary

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



76.5406, 74.9606, 88.2766



74.3959, 83.9026, 84.2292

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.



65.7869, 74.9606, 83.4158



76.5406, 74.9606, 88.2766



67.9572, 74.9606, 69.2847

Square

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



76.5406, 74.9606, 88.2766



73.5359, 74.9606, 67.6980



66.2048, 74.9606, 75.3055



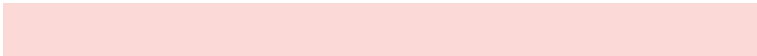
69.0077, 74.9606, 97.3292

Rectangle

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



76.5406, 74.9606, 88.2766



76.4239, 74.9606, 74.6594



66.2048, 74.9606, 75.3055



66.3109, 74.9606, 88.9990

Sweetspot

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



76.5428, 74.9639, 88.2782



92.2499, 95.0526, 105.9543



72.4655, 72.7261, 94.2236



19.5888, 20.0692, 22.5123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

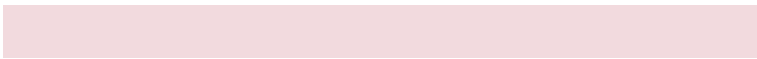
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5428, 74.9639, 88.2782



84.4539, 81.3668, 97.4790



74.8768, 74.2975, 79.5052



16.2172, 15.9366, 18.6999



23.2085, 11.5558, 19.5466



1.9767, 0.9797, 1.8680

Inverse Universe

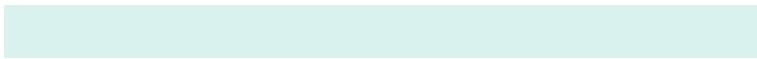
The Inverse Universe completely reimagines the original color for something new.



76.5428, 74.9639, 88.2782



84.4539, 81.3668, 97.4790



76.1006, 84.5845, 93.2059



16.2172, 15.9366, 18.6999



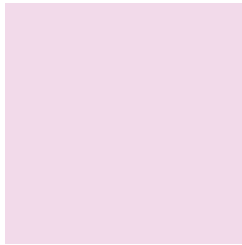
23.2085, 11.5558, 19.5466



1.9767, 0.9797, 1.8680

Previews

White Background



This preview shows how the XYZ color 76.5406, 74.9606, 88.2766 looks on a white background.

Color Contrast Check

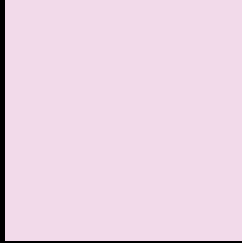
Large Text (above 18pt) WCAG AA × Fail

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 76.5406, 74.9606, 88.2766 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 76.5406, 74.9606, 88.2766

Background



This preview shows how black text looks on a background with the XYZ color 76.5406, 74.9606, 88.2766.



This preview shows how white text looks on a background with the XYZ color 76.5406, 74.9606,

88.2766.

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

76.5406, 74.9606, 88.2766

Protanopia

72.7251, 74.8973, 90.7444

Deuteranopia

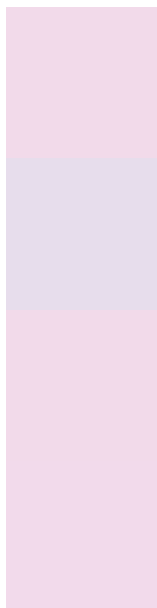
76.5406, 74.9606, 88.2766



Tritanopia

76.6847, 75.0182, 89.0355

Trichromacy



Original Color

76.5406, 74.9606, 88.2766

Protanomaly

73.9518, 74.7580, 89.8889

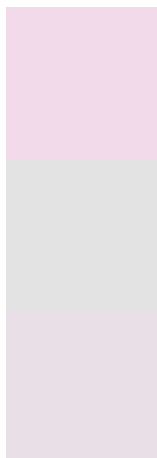
Deuteranomaly

76.5406, 74.9606, 88.2766

Tritanomaly

76.6847, 75.0182, 89.0355

Monochromacy



Original Color

76.5406, 74.9606, 88.2766

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2173, 76.1803, 85.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5406, 74.9606, 88.2766 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, 218, 234) looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 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, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.5406, 74.9606, 88.2766 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, 218, 234) }
```


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

```
.border{ border-color:rgb(242, 218, 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, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5406, 74.9606, 88.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 234) }
```

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

```
.background{ background-color: rgb(242,  
218, 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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