

Converting Colors

XYZ(76.6600, 72.6778, 88.8162)

Have a look what the booklet for
XYZ(76.6600, 72.6778, 88.8162)
contains.

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Color

**XYZ(76.5449, 72.6780,
88.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D4EB
RGB	246, 212, 235
RGB Percent	96%, 83%, 92%
CMY	0.0353, 0.1686, 0.0784
CMYK	0.00, 0.14, 0.04, 0.04
HSL	319°, 65%, 90%
HSV	319°, 14%, 96%
XYZ	76.5449, 72.6780, 88.5912
YIQ	224.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

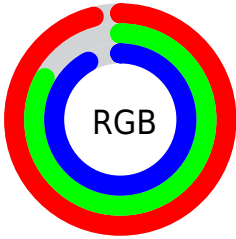
Format	Color
R _Y B	246, 212, 235
Decimal	16176363
CIE Lab	88.29, 15.65, -6.90
CIE LCh	88, 17.098, 336.216
Yxy	72.6780, 0.3219, 0.3056
Android (android.graphics.Color)	4294366443 (0xFFFF6D4EB)
YUV	224.7880, 5.0345, 18.6029
Hunter-Lab	85.2514, 11.0803, -1.9368

Details

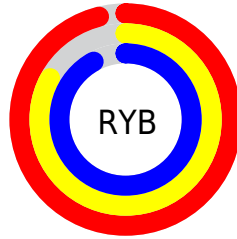
The XYZ color **76.5449, 72.6780, 88.5912** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4292, 85.2382, 82.3985**, and the grayscale version is **71.3761, 75.0933, 81.7766**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4289, 38.3158, 47.8600** is the 20% darker color. If you saturate the color by 10%, you get **69.7339, 60.8544, 80.7739**, and if you desaturate by 10%, it is **84.3485, 86.4022, 96.9950**.

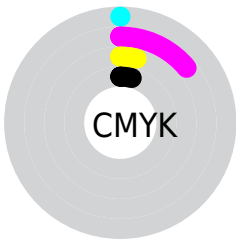
Distribution



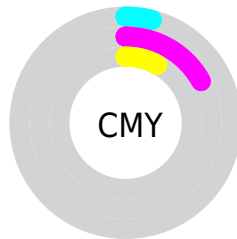
- Red (96%)
- Green (83%)
- Blue (92%)



- Red (96%)
- Yellow (83%)
- Blue (92%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5449, 72.6780, 88.5912 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 76.5449, 72.6780, 88.5912 by changing the saturation by 10% instead.


 76.5449, 72.6780,
88.5912

 76.5449, 72.6780,
88.5912


472.1267,
469.8981, 543.8887

 57.1781, 53.7127,
66.2457


127.4731,
123.0200, 147.2983

 41.3889, 38.3720,
48.0141

159.7652,
155.1655, 184.4970

 28.8121, 26.2716,
33.4780


197.0964,
192.4731, 227.4838

 19.0823, 17.0269,
22.2188

239.8321,
235.3274, 276.6773

 11.8341, 10.2537,
13.8179

288.3376,
284.1126, 332.4960

 6.7022, 5.5675,
7.8568

342.9783,

 3.3212, 2.5839,

339.2132, 395.3584

3.9170

404.1196,
401.0135, 465.6832

■ 1.3258, 0.9186,
1.5799

■ 0.2024, 0.0000,
0.2764

■ 76.5449, 72.6780,
88.5912

■ 76.5449, 72.6780,
88.5912

■ 69.7339, 60.8544,
80.7739

■ 84.3485, 86.4022,
96.9950

■ 63.8661, 50.8372,
73.5208

■ 91.1666, 98.0731,
105.3265

■ 58.8976, 42.5383,
66.8148

■ 91.8165, 98.3330,
108.7487

■ 54.7782, 35.8584,
60.6356

■ 51.4525, 30.6880,
54.9614

■ 48.8584, 26.9040,
49.7679

■ 46.9240, 24.3637,
45.0275

■ 45.5617, 22.8931,
40.7072

■ 44.9265, 22.3611,
38.2189

Harmonies

Analogous

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



73.8407, 72.6780, 98.7792



76.5449, 72.6780, 88.5912



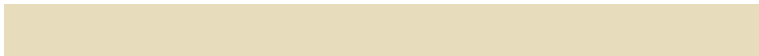
77.2140, 72.6780, 76.7148

Triad

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



76.5449, 72.6780, 88.5912



68.2283, 72.6780, 58.7475



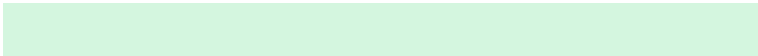
62.9122, 72.6780, 93.2346

Complementary

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



76.5449, 72.6780, 88.5912



73.4292, 85.2382, 82.3985

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.



61.5351, 72.6780, 81.6036



76.5449, 72.6780, 88.5912



64.5251, 72.6780, 62.2831

Square

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



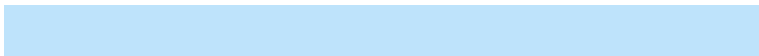
76.5449, 72.6780, 88.5912



72.3060, 72.6780, 60.2226



62.1137, 72.6780, 70.3750



65.9480, 72.6780, 101.6401

Rectangle

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



76.5449, 72.6780, 88.5912



76.3936, 72.6780, 69.5748



62.1137, 72.6780, 70.3750



62.2455, 72.6780, 89.5309

Sweetspot

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



76.5470, 72.6812, 88.5928



91.3550, 93.4531, 105.0694



70.5406, 69.3954, 96.8665



19.4093, 19.7475, 22.3375



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.



76.5470, 72.6812, 88.5928



80.5693, 74.5214, 93.3359



74.2375, 71.7574, 76.4311



16.9722, 16.6717, 19.6002



24.0468, 11.9621, 20.7525



2.1604, 1.0701, 2.0711

Inverse Universe

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



76.5470, 72.6812, 88.5928



80.5693, 74.5214, 93.3359



75.8030, 86.1877, 94.8987



16.9722, 16.6717, 19.6002



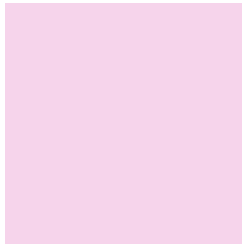
24.0468, 11.9621, 20.7525



2.1604, 1.0701, 2.0711

Previews

White Background



This preview shows how the XYZ color 76.5449, 72.6780, 88.5912 looks on a white background.

Color Contrast Check

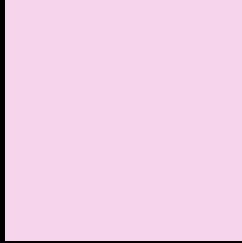
Large Text (above 18pt) WCAG AA × Fail

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 76.5449, 72.6780, 88.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

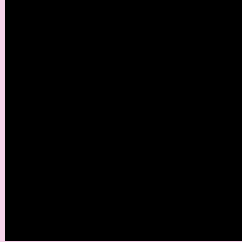
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5449, 72.6780, 88.5912

Background



This preview shows how black text looks on a background with the XYZ color 76.5449, 72.6780, 88.5912.



This preview shows how white text looks on a background with the XYZ color 76.5449, 72.6780,

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

76.5449, 72.6780, 88.5912

Protanopia

70.8366, 72.6933, 92.7358

Deuteranopia

74.0768, 72.5459, 87.9404



Tritanopia

75.7334, 72.7141, 84.9066

Trichromacy



Original Color

76.5449, 72.6780, 88.5912

Protanomaly

72.5586, 72.4568, 91.0502

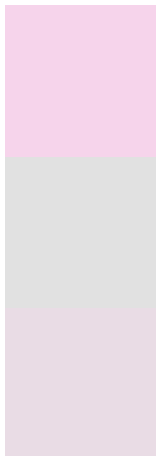
Deuteranomaly

74.8330, 72.5589, 87.9030

Tritanomaly

76.0159, 72.8272, 86.3945

Monochromacy



Original Color

76.5449, 72.6780, 88.5912

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.3403, 74.1672, 84.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5449, 72.6780, 88.5912 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(246, 212, 235) looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 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(246, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.5449, 72.6780, 88.5912 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(246, 212, 235) }
```


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

```
.border{ border-color:rgb(246, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5449, 72.6780, 88.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 235) }
```

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

```
.background{ background-color: rgb(246,  
212, 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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