

Converting Colors

XYZ(77.8866, 72.1195, 91.7869)

Have a look what the booklet for
XYZ(77.8866, 72.1195, 91.7869)
contains.

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Color

**XYZ(77.8048, 72.1569,
91.4883)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1EF
RGB	250, 209, 239
RGB Percent	98%, 82%, 94%
CMY	0.0196, 0.1804, 0.0627
CMYK	0.00, 0.16, 0.04, 0.02
HSL	316°, 80%, 90%
HSV	316°, 16%, 98%
XYZ	77.8048, 72.1569, 91.4883
YIQ	224.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

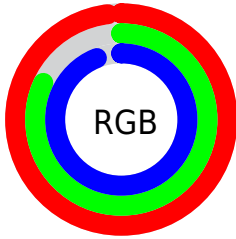
Format	Color
R _Y B	250, 209, 239
Decimal	16437743
CIE Lab	88.04, 19.26, -9.34
CIE LCh	88, 21.406, 334.132
Yxy	72.1569, 0.3222, 0.2988
Android (android.graphics.Color)	4294627823 (0xFFFAD1EF)
YUV	224.6790, 7.0603, 22.2065
Hunter-Lab	84.9452, 14.8413, -4.3953

Details

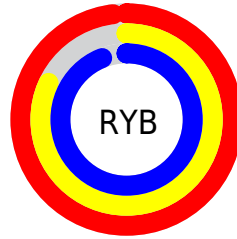
The XYZ color **77.8048, 72.1569, 91.4883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4012, 87.0959, 80.6567**, and the grayscale version is **71.2829, 74.9952, 81.6697**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0952, 37.8676, 49.8903** is the 20% darker color. If you saturate the color by 10%, you get **71.1737, 60.4504, 84.4794**, and if you desaturate by 10%, it is **85.4393, 85.8092, 99.0149**.

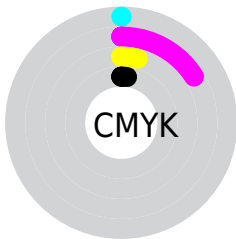
Distribution



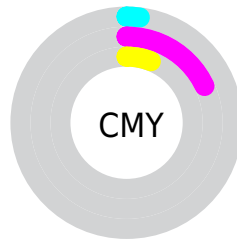
- Red (98%)
- Green (82%)
- Blue (94%)



- Red (98%)
- Yellow (82%)
- Blue (94%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8048, 72.1569, 91.4883 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 77.8048, 72.1569, 91.4883 by changing the saturation by 10% instead.


 77.8048, 72.1569,
91.4883

 77.8048, 72.1569,
91.4883


476.3536,
468.0875, 553.5550

 58.2159, 53.2869,
68.6350


129.2417,
122.2796, 151.3575

 42.2262, 38.0318,
49.9446


161.8205,
154.3010, 189.2106

 29.4703, 26.0074,
34.9985


199.4598,
191.4750, 232.9006

 19.5829, 16.8292,
23.3782

242.5252,
234.1860, 282.8462

 12.1987, 10.1128,
14.6651

291.3819,
282.8183, 339.4659

 6.9523, 5.4738,
8.4407

346.3953,

 3.4784, 2.5278,

337.7564, 403.1783

4.2864

407.9307,
399.3847, 474.4018

■ 1.4115, 0.8905,
1.7837

■ 0.2644, 0.0000,
0.4172

■ 77.8048, 72.1569,
91.4883

■ 77.8048, 72.1569,
91.4883

■ 71.1737, 60.4504,
84.4794

■ 85.4393, 85.8092,
99.0149

■ 65.4945, 50.5906,
77.9665

■ 92.8218, 98.8990,
106.6400

■ 60.7207, 42.4839,
71.9329

■ 93.2349, 99.0643,
108.8151

■ 56.7990, 36.0246,
66.3590

■ 53.6708, 31.0958,
61.2231

■ 51.2692, 27.5647,
56.5008

■ 49.5164, 25.2763,
52.1642

■ 48.3151, 24.0368,
48.1786

■ 47.9638, 23.7398,
46.8107

Harmonies

Analogous

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



74.2424, 72.1569, 104.2236



77.8048, 72.1569, 91.4883



78.8521, 72.1569, 76.5575

Triad

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



77.8048, 72.1569, 91.4883



67.8778, 72.1569, 53.7198



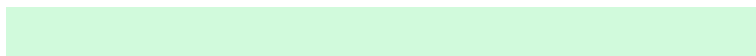
60.7707, 72.1569, 95.4285

Complementary

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



77.8048, 72.1569, 91.4883



73.4012, 87.0959, 80.6567

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.



59.2465, 72.1569, 80.6105



77.8048, 72.1569, 91.4883



63.2188, 72.1569, 57.5089

Square

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



77.8048, 72.1569, 91.4883



72.9577, 72.1569, 55.8787



60.1202, 72.1569, 66.9227



64.3867, 72.1569, 106.6894

Rectangle

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



77.8048, 72.1569, 91.4883



77.9417, 72.1569, 67.6194



60.1202, 72.1569, 66.9227



60.0051, 72.1569, 90.6358

Sweetspot

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



77.8069, 72.1601, 91.4898



90.5706, 91.9148, 104.7137



69.5538, 67.7119, 99.8475



19.2558, 19.4395, 22.2895



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.



77.8069, 72.1601, 91.4898



78.7572, 70.8155, 92.9843



74.9565, 71.0199, 76.4799



17.7826, 17.4404, 20.7109



25.5043, 12.6174, 25.1616



2.4062, 1.1862, 2.5625

Inverse Universe

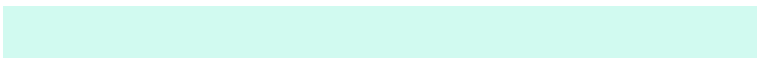
The Inverse Universe completely reimagines the original color for something new.



77.8069, 72.1601, 91.4898



78.7572, 70.8155, 92.9843



76.2752, 88.2455, 95.7908



17.7826, 17.4404, 20.7109



25.5043, 12.6174, 25.1616



2.4062, 1.1862, 2.5625

Previews

White Background



This preview shows how the XYZ color 77.8048, 72.1569, 91.4883 looks on a white background.

Color Contrast Check

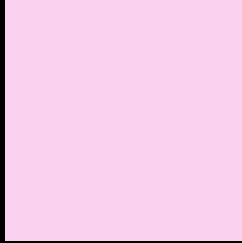
Large Text (above 18pt) WCAG AA × Fail

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 77.8048, 72.1569, 91.4883 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 77.8048, 72.1569, 91.4883

Background



This preview shows how black text looks on a background with the XYZ color 77.8048, 72.1569, 91.4883.



This preview shows how white text looks on a background with the XYZ color 77.8048, 72.1569,

91.4883.

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

77.8048, 72.1569, 91.4883

Protanopia

70.8795, 72.2223, 97.3933

Deuteranopia

73.9940, 72.4361, 90.9706



Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy



Original Color

77.8048, 72.1569, 91.4883

Protanomaly

73.1112, 71.8949, 94.8178

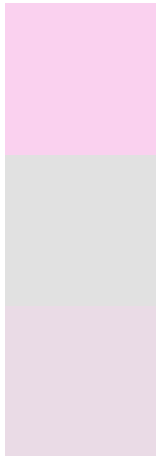
Deuteranomaly

75.1620, 72.2868, 90.8802

Tritanomaly

76.5373, 72.0024, 85.4652

Monochromacy



Original Color

77.8048, 72.1569, 91.4883

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5461, 73.8686, 85.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8048, 72.1569, 91.4883 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(250, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 239)  
}
```

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(250, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 239) }
```

Border

The CSS property to change the border of an element to XYZ 77.8048, 72.1569, 91.4883 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(250, 209, 239) }
```


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

```
.border{ border-color:rgb(250, 209, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8048, 72.1569, 91.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 239) }
```

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

```
.background{ background-color: rgb(250,  
209, 239) }
```

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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