

Converting Colors

XYZ(77.5445, 71.8892, 89.8076)

Have a look what the booklet for
XYZ(77.5445, 71.8892, 89.8076)
contains.

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Color

**XYZ(77.5109, 72.0393,
89.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1ED
RGB	250, 209, 237
RGB Percent	98%, 82%, 93%
CMY	0.0196, 0.1804, 0.0706
CMYK	0.00, 0.16, 0.05, 0.02
HSL	319°, 80%, 90%
HSV	319°, 16%, 98%
XYZ	77.5109, 72.0393, 89.9405
YIQ	224.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

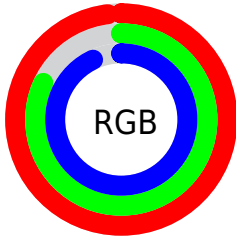
Format	Color
R _Y B	250, 209, 237
Decimal	16437741
CIE Lab	87.99, 18.92, -8.37
CIE LCh	88, 20.683, 336.139
Yxy	72.0393, 0.3236, 0.3008
Android (android.graphics.Color)	4294627821 (0xFFFA ^{D1} ED)
YUV	224.4510, 6.1867, 22.4065
Hunter-Lab	84.8760, 14.4778, -3.4146

Details

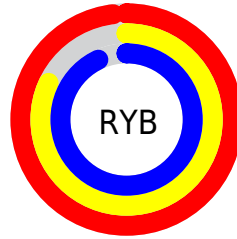
The XYZ color **77.5109, 72.0393, 89.9405** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.6678, 87.2025, 82.0604**, and the grayscale version is **71.1253, 74.8293, 81.4891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8884, 37.7849, 48.8015** is the 20% darker color. If you saturate the color by 10%, you get **70.7197, 60.2688, 82.0884**, and if you desaturate by 10%, it is **85.3200, 85.7614, 98.3863**.

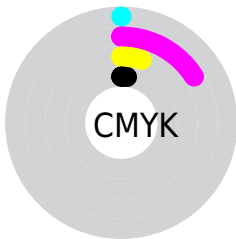
Distribution



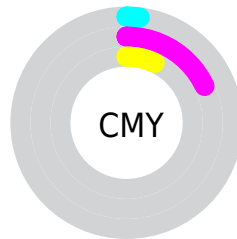
- Red (98%)
- Green (82%)
- Blue (93%)



- Red (98%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5109, 72.0393, 89.9405 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 77.5109, 72.0393, 89.9405 by changing the saturation by 10% instead.


 77.5109, 72.0393,
89.9405

 77.5109, 72.0393,
89.9405


475.3695,
467.6784, 548.4024

 57.9737, 53.1908,
67.3579


128.8294,
122.1124, 149.1905

 42.0307, 37.9551,
48.9121


161.3415,
154.1058, 186.6950

 29.3165, 25.9478,
34.1846


198.9091,
191.2496, 230.0105

 19.4659, 16.7846,
22.7570

241.8978,
233.9281, 279.5556

 12.1134, 10.0810,
14.2105

290.6728,
282.5259, 335.7488

 6.8937, 5.4527,
8.1268

345.5995,

 3.4414, 2.5153,

337.4273, 399.0086

4.0873

407.0433,
399.0166, 469.7536

■ 1.3913, 0.8843,
1.6733

■ 0.2500, 0.0000,
0.3424

■ 77.5109, 72.0393,
89.9405

■ 77.5109, 72.0393,
89.9405

■ 70.7197, 60.2688,
82.0884

■ 85.3200, 85.7614,
98.3863

■ 64.8945, 50.3506,
74.8069

■ 92.8917, 98.9270,
107.0079

■ 59.9887, 42.1911,
68.0780

■ 93.2349, 99.0643,
108.8151

■ 55.9486, 35.6844,
61.8805

■ 52.7152, 30.7135,
56.1913

■ 50.2217, 27.1457,
50.9846

■ 48.3897, 24.8256,
46.2308

■ 47.1217, 23.5594,
41.8935

■ 46.7493, 23.2540,
40.4148

Harmonies

Analogous

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



74.2148, 72.0393, 102.4681



77.5109, 72.0393, 89.9405



78.3348, 72.0393, 75.5712

Triad

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



77.5109, 72.0393, 89.9405



67.4625, 72.0393, 54.4249



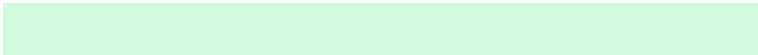
61.0979, 72.0393, 95.5622

Complementary

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



77.5109, 72.0393, 89.9405



73.6678, 87.2025, 82.0604

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.



59.4724, 72.0393, 81.3775



77.5109, 72.0393, 89.9405



63.0318, 72.0393, 58.4941

Square

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



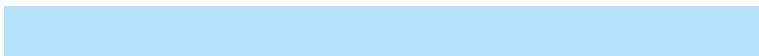
77.5109, 72.0393, 89.9405



72.3776, 72.0393, 56.1391



60.1632, 72.0393, 67.9616



64.7079, 72.0393, 105.9765

Rectangle

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



77.5109, 72.0393, 89.9405



77.3381, 72.0393, 67.0766



60.1632, 72.0393, 67.9616



60.3094, 72.0393, 91.0162

Sweetspot

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



77.5130, 72.0425, 89.9420



90.4724, 91.8755, 104.1965



70.1778, 68.0336, 99.8768



19.2319, 19.4300, 22.1636



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.



77.5130, 72.0425, 89.9420



78.3874, 70.6675, 91.0365



74.6890, 70.9129, 75.0708



17.7451, 17.4254, 20.5134



24.8652, 12.3618, 21.7962



2.3510, 1.1641, 2.2719

Inverse Universe

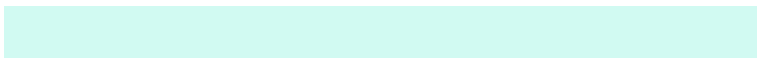
The Inverse Universe completely reimagines the original color for something new.



77.5130, 72.0425, 89.9420



78.3874, 70.6675, 91.0365



76.5822, 88.3683, 97.4078



17.7451, 17.4254, 20.5134



24.8652, 12.3618, 21.7962



2.3510, 1.1641, 2.2719

Previews

White Background



This preview shows how the XYZ color 77.5109, 72.0393, 89.9405 looks on a white background.

Color Contrast Check

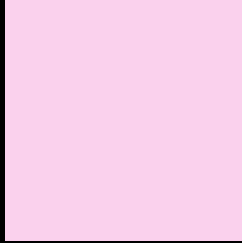
Large Text (above 18pt) WCAG AA × Fail

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 77.5109, 72.0393, 89.9405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

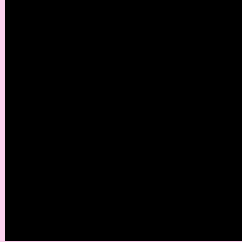
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5109, 72.0393, 89.9405

Background



This preview shows how black text looks on a background with the XYZ color 77.5109, 72.0393, 89.9405.



This preview shows how white text looks on a background with the XYZ color 77.5109, 72.0393,

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

77.5109, 72.0393, 89.9405

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.7017, 72.3192, 89.4314



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

77.5109, 72.0393, 89.9405

Protanomaly

72.8108, 71.7747, 93.2355

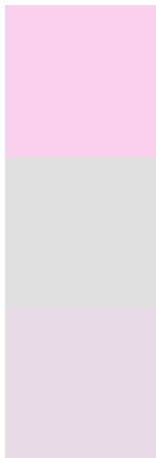
Deuteranomaly

74.8698, 72.1699, 89.3410

Tritanomaly

76.5373, 72.0024, 85.4652

Monochromacy



Original Color

77.5109, 72.0393, 89.9405

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0786, 73.6438, 84.4918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5109, 72.0393, 89.9405 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.5109, 72.0393, 89.9405 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, 237) }
```


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

```
.border{ border-color:rgb(250, 209, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5109, 72.0393, 89.9405 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, 237) }
```

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

```
.background{ background-color: rgb(250,  
209, 237) }
```

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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