

Converting Colors

XYZ(132.8721, 100.0000,
92.5922)

Have a look what the booklet for
XYZ(132.8721, 100.0000, 92.5922)
contains.

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Color

**XYZ(78.8389, 72.0001,
89.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFED
RGB	255, 207, 237
RGB Percent	100%, 81%, 93%
CMY	0.0000, 0.1882, 0.0706
CMYK	0.00, 0.19, 0.07, 0.00
HSL	323°, 100%, 91%
HSV	323°, 19%, 100%
XYZ	78.8389, 72.0001, 89.8629
YIQ	224.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

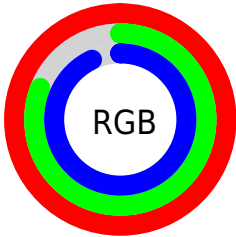
Format	Color
R _Y B	255, 207, 237
Decimal	16764909
CIE Lab	87.97, 21.65, -8.35
CIE LCh	88, 23.202, 338.919
Yxy	72.0001, 0.3275, 0.2991
Android (android.graphics.Color)	4294954989 (0xFFFFCFED)
YUV	224.7720, 6.0284, 26.5100
Hunter-Lab	84.8529, 17.3562, -3.3937

Details

The XYZ color **78.8389, 72.0001, 89.8629** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.0850, 90.2228, 84.6948**, and the grayscale version is **71.3544, 75.0704, 81.7517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8574, 37.7984, 48.7531** is the 20% darker color. If you saturate the color by 10%, you get **71.7927, 60.0842, 80.8042**, and if you desaturate by 10%, it is **86.9606, 85.9470, 99.6497**.

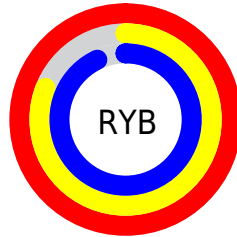
Distribution



Red (100%)

Green (81%)

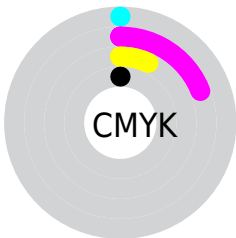
Blue (93%)



Red (100%)

Yellow (81%)

Blue (93%)

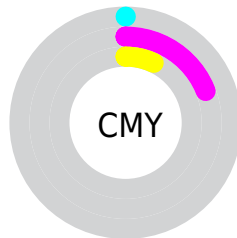


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8389, 72.0001, 89.8629 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 78.8389, 72.0001, 89.8629 by changing the saturation by 10% instead.


 78.8389, 72.0001,
89.8629

 78.8389, 72.0001,
89.8629


479.8075,
467.5419, 548.1434

 59.0685, 53.1588,
67.2939


130.6912,
122.0567, 149.0818

 42.9149, 37.9295,
48.8604

163.5038,
154.0407, 186.5687

 30.0126, 25.9280,
34.1439


201.3945,
191.1744, 229.8654

 19.9962, 16.7698,
22.7259

244.7287,
233.8422, 279.3903

 12.5006, 10.0705,
14.1879

293.8718,
282.4284, 335.5620

 7.1602, 5.4457,
8.1112

349.1890,

 3.6097, 2.5111,

337.3175, 398.7991

4.0774

411.0458,
398.8939, 469.5200

■ 1.4838, 0.8822,
1.6679

■ 0.3148, 0.0000,
0.3386

■ 78.8389, 72.0001,
89.8629

■ 78.8389, 72.0001,
89.8629

■ 71.7927, 60.0842,
80.8042

■ 86.9606, 85.9470,
99.6497

■ 65.7680, 50.0944,
72.4470

95.0500, 100.0000,
108.9000

■ 60.7137, 41.9297,
64.7695

■ 56.5719, 35.4763,
57.7463

■ 53.2782, 30.6075,
51.3500

■ 50.7593, 27.1788,
45.5499

■ 48.9288, 25.0193,
40.3105

■ 47.6614, 23.8808,
35.5837

■ 47.5302, 23.7761,
35.0537

Harmonies

Analogous

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



75.3312, 72.0001, 104.5459



78.8389, 72.0001, 89.8629



79.4811, 72.0001, 73.7700

Triad

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



78.8389, 72.0001, 89.8629



66.7991, 72.0001, 52.0037



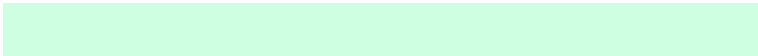
60.4926, 72.0001, 99.1177

Complementary

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



78.8389, 72.0001, 89.8629



75.0850, 90.2228, 84.6948

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.



58.4610, 72.0001, 83.2112



78.8389, 72.0001, 89.8629



61.9711, 72.0001, 57.0162

Square

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



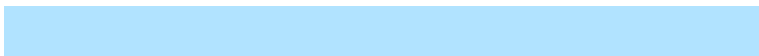
78.8389, 72.0001, 89.8629



72.3288, 72.0001, 53.2836



58.9873, 72.0001, 67.9484



64.6815, 72.0001, 110.3693

Rectangle

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



78.8389, 72.0001, 89.8629



78.1659, 72.0001, 64.5769



58.9873, 72.0001, 67.9484



59.5452, 72.0001, 94.0577

Sweetspot

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



78.8405, 72.0030, 89.8644



89.4517, 90.2596, 102.5443



71.2922, 67.7925, 103.9355



19.0212, 19.1023, 21.8041



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.



78.8405, 72.0030, 89.8644



75.7677, 66.7814, 85.9913



75.6160, 70.7132, 72.8844



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Inverse Universe

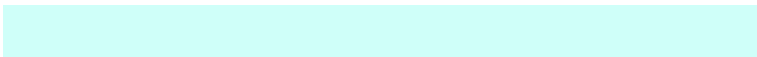
The Inverse Universe completely reimagines the original color for something new.



78.8405, 72.0030, 89.8644



75.7677, 66.7814, 85.9913



78.5305, 91.6009, 102.8382



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Previews

White Background



This preview shows how the XYZ color 78.8389, 72.0001, 89.8629 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 78.8389, 72.0001, 89.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

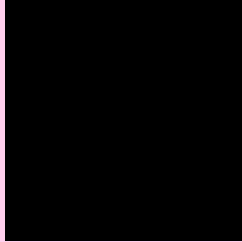
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8389, 72.0001, 89.8629

Background



This preview shows how black text looks on a background with the XYZ color 78.8389, 72.0001, 89.8629.



This preview shows how white text looks on a background with the XYZ color 78.8389, 72.0001,

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

78.8389, 72.0001, 89.8629

Protanopia

70.7264, 72.1610, 96.5870

Deuteranopia

73.7790, 71.9821, 89.3623



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

78.8389, 72.0001, 89.8629

Protanomaly

73.2824, 72.0006, 94.0395

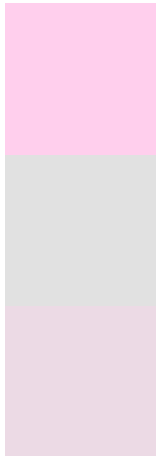
Deuteranomaly

75.3967, 71.6993, 89.2224

Tritanomaly

77.5718, 71.8397, 83.9067

Monochromacy



Original Color

78.8389, 72.0001, 89.8629

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.8063, 73.6328, 84.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8389, 72.0001, 89.8629 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(255, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 237) }
```

Border

The CSS property to change the border of an element to XYZ 78.8389, 72.0001, 89.8629 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(255, 207, 237) }
```


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

```
.border{ border-color:rgb(255, 207, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8389, 72.0001, 89.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 237) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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