

Converting Colors

XYZ(78.7217, 72.0910, 99.3884)

Have a look what the booklet for
XYZ(78.7217, 72.0910, 99.3884)
contains.

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Color

**XYZ(78.7217, 72.0910,
99.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D0F9
RGB	249, 208, 249
RGB Percent	98%, 82%, 98%
CMY	0.0235, 0.1843, 0.0235
CMYK	0.00, 0.16, 0.00, 0.02
HSL	300°, 77%, 90%
HSV	300°, 16%, 98%
XYZ	78.7217, 72.0910, 99.3884
YIQ	224.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

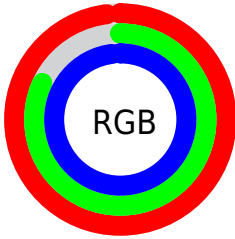
Format	Color
R _Y B	249, 208, 249
Decimal	16371961
CIE Lab	88.01, 21.23, -14.68
CIE LCh	88, 25.808, 325.340
Yxy	72.0910, 0.3146, 0.2881
Android (android.graphics.Color)	4294562041 (0xFFFF9D0F9)
YUV	224.9330, 11.8650, 21.1068
Hunter-Lab	84.9064, 16.9115, -9.9682

Details

The XYZ color **78.7217, 72.0910, 99.3884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2761, 85.7175, 72.4669**, and the grayscale version is **71.4335, 75.1536, 81.8423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7551, 37.8392, 55.5023** is the 20% darker color. If you saturate the color by 10%, you get **73.1218, 60.8901, 97.5224**, and if you desaturate by 10%, it is **85.2789, 85.2042, 101.5752**.

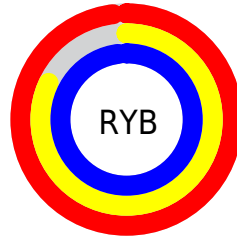
Distribution



Red (98%)

Green (82%)

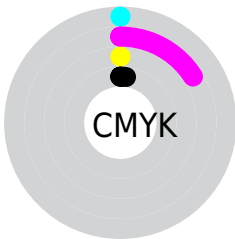
Blue (98%)



Red (98%)

Yellow (82%)

Blue (98%)

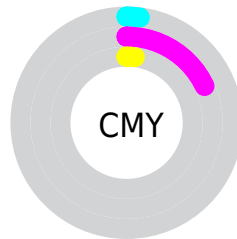


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7217, 72.0910, 99.3884 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 78.7217, 72.0910, 99.3884 by changing the saturation by 10% instead.


 78.7217, 72.0910,
99.3884

 78.7217, 72.0910,
99.3884


479.4168,
467.8583, 579.4600

 58.9719, 53.2330,
75.1758


130.5270,
122.1859, 162.3610

 42.8367, 37.9888,
55.2543


163.3132,
154.1916, 201.9581

 29.9510, 25.9740,
39.2054


201.1755,
191.3487, 247.5204

 19.9493, 16.8042,
26.6105

244.4793,
234.0415, 299.4666

 12.4662, 10.0950,
17.0511

293.5900,
282.6545, 358.2151

 7.1365, 5.4620,
10.1086

348.8729,

 3.5947, 2.5208,

337.5720, 424.1844

5.3645

410.6934,
399.1785, 497.7932

■ 1.4755, 0.8870,
2.4002

■ 0.3091, 0.0000,
0.7866

■ 78.7217, 72.0910,
99.3884

■ 78.7217, 72.0910,
99.3884

■ 73.1218, 60.8901,
97.5224

■ 85.2789, 85.2042,
101.5752

■ 68.4284, 51.5034,
95.9577

■ 91.9267, 98.4997,
103.7914

■ 64.5958, 43.8383,
94.6799

■ 91.9268, 98.4998,
103.7916

■ 61.5718, 37.7903,
93.6717

■ 91.9268, 98.4998,
103.7919

59.2984, 33.2436,
92.9137

91.9269, 98.4998,
103.7921

57.7101, 30.0670,
92.3840

91.9269, 98.4998,
103.7924

56.7299, 28.1068,
92.0570

91.9270, 98.4998,
103.7926

56.2618, 27.1707,
91.9008

91.9270, 98.4998,
103.7929

56.1663, 26.9795,
91.8688

91.9271, 98.4999,
103.7931

Harmonies

Analogous

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



73.7105, 72.0910, 113.2800



78.7217, 72.0910, 99.3884



81.0040, 72.0910, 81.2806

Triad

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



78.7217, 72.0910, 99.3884



69.4862, 72.0910, 49.3309



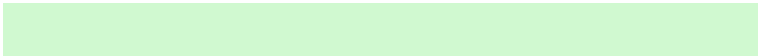
58.3725, 72.0910, 93.9106

Complementary

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



78.7217, 72.0910, 99.3884



71.2761, 85.7175, 72.4669

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.



57.3900, 72.0910, 75.7735



78.7217, 72.0910, 99.3884



63.5797, 72.0910, 51.6772

Square

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



78.7217, 72.0910, 99.3884



75.4727, 72.0910, 53.7891



59.2407, 72.0910, 60.7561



62.0086, 72.0910, 109.8000

Rectangle

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



78.7217, 72.0910, 99.3884



80.5771, 72.0910, 69.8667



59.2407, 72.0910, 60.7561



57.7305, 72.0910, 87.8056

Sweetspot

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



78.7239, 72.0941, 99.3900



91.1166, 92.1332, 107.5887



65.6703, 65.3648, 98.7795



19.3889, 19.4928, 22.9905



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.



78.7239, 72.0941, 99.3900



80.8828, 71.6657, 104.1771



75.6984, 70.8839, 83.4581



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Inverse Universe

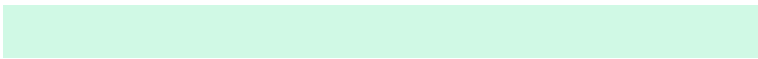
The Inverse Universe completely reimagines the original color for something new.



78.7239, 72.0941, 99.3900



80.8828, 71.6657, 104.1771



73.9638, 86.7926, 86.6202



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 78.7217, 72.0910, 99.3884 looks on a white background.

Color Contrast Check

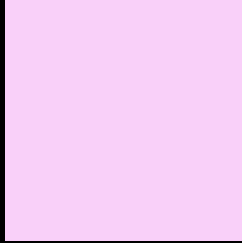
Large Text (above 18pt) WCAG AA × Fail

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 78.7217, 72.0910, 99.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

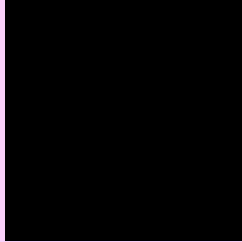
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7217, 72.0910, 99.3884

Background



This preview shows how black text looks on a background with the XYZ color 78.7217, 72.0910, 99.3884.

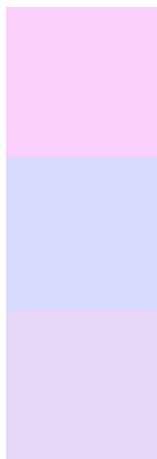


This preview shows how white text looks on a background with the XYZ color 78.7217, 72.0910,

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

78.7217, 72.0910, 99.3884

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.8768, 72.2012, 98.8494



Tritanopia

75.5531, 72.2812, 83.3684

Trichromacy



Original Color

78.7217, 72.0910, 99.3884

Protanomaly

73.7086, 72.0236, 102.9456

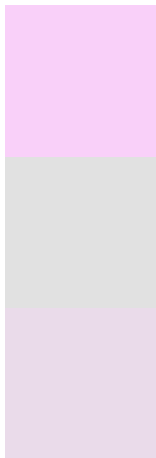
Deuteranomaly

75.4118, 71.8688, 98.7044

Tritanomaly

76.7924, 72.4188, 89.2877

Monochromacy



Original Color

78.7217, 72.0910, 99.3884

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.1145, 74.0960, 88.2376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7217, 72.0910, 99.3884 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(249, 208, 249) looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 249)  
}
```

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(249, 208, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.7217, 72.0910, 99.3884 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(249, 208, 249) }
```


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

```
.border{ border-color:rgb(249, 208, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7217, 72.0910, 99.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 249) }
```

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

```
.background{ background-color: rgb(249,  
208, 249) }
```

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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