

Converting Colors

XYZ(79.6793, 72.3483,
100.2806)

Have a look what the booklet for
XYZ(79.6793, 72.3483, 100.2806)
contains.

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Color

**XYZ(79.7130, 72.2232,
100.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFFA
RGB	252, 207, 250
RGB Percent	99%, 81%, 98%
CMY	0.0118, 0.1882, 0.0196
CMYK	0.00, 0.18, 0.01, 0.01
HSL	303°, 88%, 90%
HSV	303°, 18%, 99%
XYZ	79.7130, 72.2232, 100.1816
YIQ	225.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

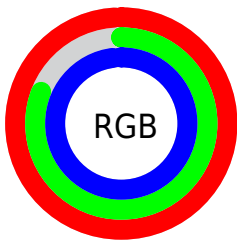
Format	Color
R _Y B	252, 207, 250
Decimal	16568314
CIE Lab	88.08, 22.92, -15.08
CIE LCh	88, 27.435, 326.650
Yxy	72.2232, 0.3162, 0.2865
Android (android.graphics.Color)	4294758394 (0xFFFCFFFA)
YUV	225.3570, 12.1490, 23.3659
Hunter-Lab	84.9842, 18.7059, -10.4036

Details

The XYZ color **79.7130, 72.2232, 100.1816** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0540, 87.4917, 73.4154**, and the grayscale version is **71.7354, 75.4712, 82.1882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3596, 37.9088, 55.4839** is the 20% darker color. If you saturate the color by 10%, you get **73.9139, 60.9042, 97.3852**, and if you desaturate by 10%, it is **86.4918, 85.4976, 103.3114**.

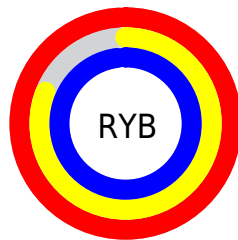
Distribution



Red (99%)

Green (81%)

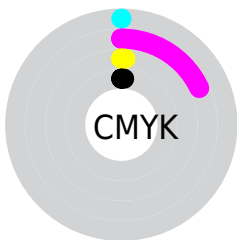
Blue (98%)



Red (99%)

Yellow (81%)

Blue (98%)

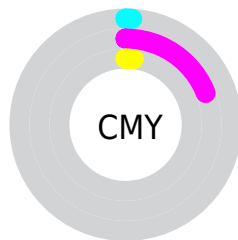


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7130, 72.2232, 100.1816 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 79.7130, 72.2232, 100.1816 by changing the saturation by 10% instead.

79.7130, 72.2232,
100.1816

79.7130, 72.2232,
100.1816

482.7164,
468.3181, 582.0264

59.7899, 53.3410,
75.8345

131.9148,
122.3738, 163.4608

43.4981, 38.0751,
55.7910

164.9242,
154.4110, 203.2299

30.4723, 26.0410,
39.6325

203.0263,
191.6021, 248.9768

20.3472, 16.8543,
26.9405

246.5866,
234.3313, 301.1200

12.7574, 10.1307,
17.2965

295.9704,
282.9831, 360.0780

7.3376, 5.4857,
10.2819

351.5431,

3.7223, 2.5349,

337.9419, 426.2694

5.4782

413.6699,
399.5921, 500.1126

■ 1.5463, 0.8941,
2.4669

■ 0.3570, 0.0000,
0.8225

■ 79.7130, 72.2232,
100.1816

■ 79.7130, 72.2232,
100.1816

■ 73.9139, 60.9042,
97.3852

■ 86.4918, 85.4976,
103.3114

■ 69.0419, 51.4388,
94.9022

■ 93.5145, 99.2594,
106.5267

■ 65.0493, 43.7306,
92.7174

■ 93.6928, 99.3307,
107.4658

■ 61.8816, 37.6705,
90.8127

■ 93.8722, 99.4024,
108.4104

■ 59.4782, 33.1373, 93.9554, 99.4357,
89.1679 108.8488

■ 57.7701, 29.9932,
87.7600

■ 56.6761, 28.0756,
86.5619

■ 56.0871, 27.1663,
85.5372

■ 55.9926, 27.0346,
85.3287

Harmonies

Analogous

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



74.4514, 72.2232, 115.4823



79.7130, 72.2232, 100.1816



82.0021, 72.2232, 80.7656

Triad

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



79.7130, 72.2232, 100.1816



69.3846, 72.2232, 47.8472



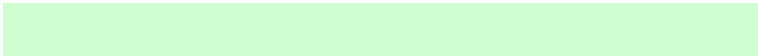
57.9936, 72.2232, 95.9520

Complementary

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



79.7130, 72.2232, 100.1816



72.0540, 87.4917, 73.4154

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.



56.8251, 72.2232, 76.5497



79.7130, 72.2232, 100.1816



63.1505, 72.2232, 50.6057

Square

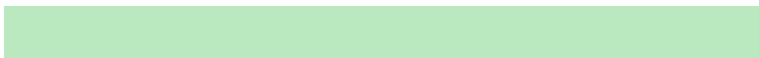
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



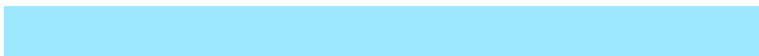
79.7130, 72.2232, 100.1816



75.8052, 72.2232, 52.1932



58.6538, 72.2232, 60.4294



61.9523, 72.2232, 112.7803

Rectangle

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



79.7130, 72.2232, 100.1816



81.4332, 72.2232, 68.7503



58.6538, 72.2232, 60.4294



57.2728, 72.2232, 89.4327

Sweetspot

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



79.7152, 72.2263, 100.1832



91.0255, 92.0967, 107.1090



66.0399, 65.1401, 101.1894



19.3667, 19.4839, 22.8734



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.



79.7152, 72.2263, 100.1832



79.9007, 70.3110, 101.9711



76.4638, 70.9258, 83.0615



17.9578, 17.5105, 21.6332



29.1819, 14.0885, 44.5278



2.7128, 1.3088, 4.1769

Inverse Universe

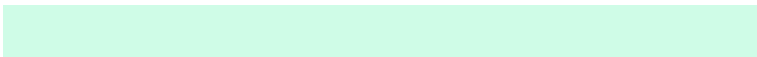
The Inverse Universe completely reimagines the original color for something new.



79.7152, 72.2263, 100.1832



79.9007, 70.3110, 101.9711



74.9689, 88.6577, 88.7653



17.9578, 17.5105, 21.6332



29.1819, 14.0885, 44.5278



2.7128, 1.3088, 4.1769

Previews

White Background



This preview shows how the XYZ color 79.7130, 72.2232, 100.1816 looks on a white background.

Color Contrast Check

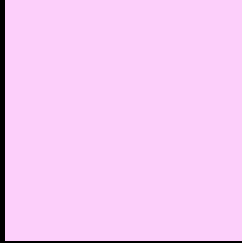
Large Text (above 18pt) WCAG AA × Fail

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 79.7130, 72.2232, 100.1816 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 79.7130, 72.2232, 100.1816

Background



This preview shows how black text looks on a background with the XYZ color 79.7130, 72.2232, 100.1816.



This preview shows how white text looks on a background with the XYZ color 79.7130, 72.2232,

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

79.7130, 72.2232, 100.1816

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

73.8768, 72.2012, 98.8494



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

79.7130, 72.2232, 100.1816



Protanomaly

74.0250, 72.1867, 102.9604



Deuteranomaly

75.9023, 72.1037, 99.5394



Tritanomaly

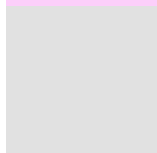
77.4663, 72.4153, 88.4919

Monochromacy



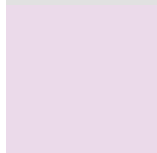
Original Color

79.7130, 72.2232, 100.1816



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

74.1836, 73.7455, 88.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7130, 72.2232, 100.1816 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(252, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 250)  
}
```

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(252, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.7130, 72.2232, 100.1816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

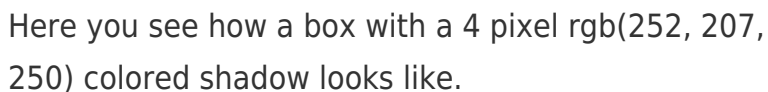
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 207, 250) }
```


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

```
.border{ border-color:rgb(252, 207, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7130, 72.2232, 100.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 250) }
```

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

```
.background{ background-color: rgb(252,  
207, 250) }
```

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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