

Converting Colors

XYZ(96.9400, 80.3810, 94.1813)

Have a look what the booklet for
XYZ(96.9400, 80.3810, 94.1813)
contains.

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Color

**XYZ(79.0983, 71.3334,
93.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF2
RGB	255, 205, 242
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.1961, 0.0510
CMYK	0.00, 0.20, 0.05, 0.00
HSL	316°, 100%, 90%
HSV	316°, 20%, 100%
XYZ	79.0983, 71.3334, 93.6042
YIQ	224.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

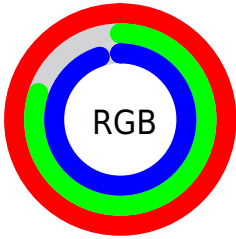
Format	Color
R_{YB}	255, 205, 242
Decimal	16764402
CIE _{Lab}	87.65, 23.55, -11.47
CIE _{LCh}	88, 26.196, 334.036
Yxy	71.3334, 0.3241, 0.2923
Android (android.graphics.Color)	4294954482 (0xFFFFCDF2)
YUV	224.1680, 8.7912, 27.0397
Hunter-Lab	84.4591, 19.3668, -6.5885

Details

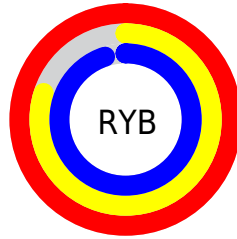
The XYZ color **79.0983, 71.3334, 93.6042** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5939, 89.5621, 79.7411**, and the grayscale version is **70.9032, 74.5957, 81.2347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0580, 37.3636, 51.3969** is the 20% darker color. If you saturate the color by 10%, you get **72.5108, 59.7230, 86.5847**, and if you desaturate by 10%, it is **86.7192, 84.9521, 101.1482**.

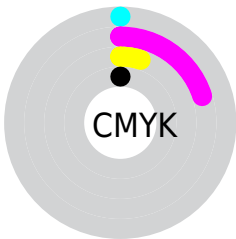
Distribution



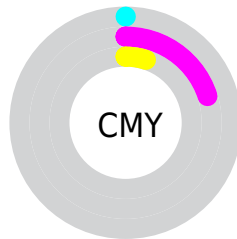
- Red (100%)
- Green (80%)
- Blue (95%)



- Red (100%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0983, 71.3334, 93.6042 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 79.0983, 71.3334, 93.6042 by changing the saturation by 10% instead.


 79.0983, 71.3334,
93.6042

 79.0983, 71.3334,
93.6042

480.6718,
465.2181, 560.5565

 59.2825, 52.6143,
70.3833


131.0544,
121.1083, 154.3138

 43.0879, 37.4950,
51.3604

163.9255,
152.9330, 192.6396

 30.1489, 25.5910,
36.1168


201.8791,
189.8949, 236.8374

 20.1002, 16.5179,
24.2340

245.2805,
232.3786, 287.3259

 12.5766, 9.8914,
15.2935

294.4951,
280.7683, 344.5235

 7.2126, 5.3270,
8.8767

349.8883,

 3.6429, 2.4404,

335.4485, 408.8488

4.5651

411.8254,
396.8037, 480.7203

■ 1.5022, 0.8465,
1.9402

■ 0.3273, 0.0000,
0.5181

■ 79.0983, 71.3334,
93.6042

■ 79.0983, 71.3334,
93.6042

■ 72.5108, 59.7230,
86.5847

■ 86.7192, 84.9521,
101.1482

■ 66.9033, 50.0158,
80.0672

95.0500, 100.0000,
108.9000

■ 62.2250, 42.1105,
74.0338

■ 58.4185, 35.8927,
68.4634

■ 55.4196, 31.2349,
63.3328

■ 53.1551, 27.9912,
58.6155

■ 51.5380, 25.9883,
54.2805

■ 50.4319, 24.9542,
50.2802

■ 50.3927, 24.9211,
50.1272

Harmonies

Analogous

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



74.6972, 71.3334, 109.5528



79.0983, 71.3334, 93.6042



80.4067, 71.3334, 75.2905

Triad

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



79.0983, 71.3334, 93.6042



66.9643, 71.3334, 48.3372



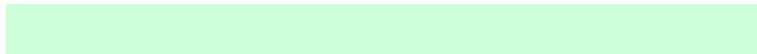
58.3893, 71.3334, 98.3995

Complementary

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



79.0983, 71.3334, 93.6042



73.5939, 89.5621, 79.7411

Split Complementary

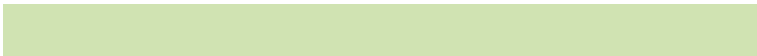
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.5856, 71.3334, 80.0990



79.0983, 71.3334, 93.6042



61.3415, 71.3334, 52.6639

Square

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



79.0983, 71.3334, 93.6042



73.1570, 71.3334, 50.8301



57.6328, 71.3334, 63.6551



62.7116, 71.3334, 112.6044

Rectangle

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



79.0983, 71.3334, 93.6042



79.2864, 71.3334, 64.5716



57.6328, 71.3334, 63.6551



57.4807, 71.3334, 92.4297

Sweetspot

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



79.0999, 71.3363, 93.6057



89.7279, 90.3701, 103.9989



68.6481, 65.7145, 103.6738



19.0866, 19.1285, 22.1484



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.



79.0999, 71.3363, 93.6057



76.0803, 65.9918, 90.4572



75.6628, 69.9614, 75.5062



18.5791, 18.2150, 21.6668



26.3956, 13.0475, 26.5315



2.6148, 1.2883, 2.8187

Inverse Universe

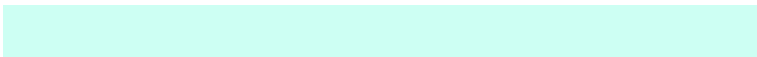
The Inverse Universe completely reimagines the original color for something new.



79.0999, 71.3363, 93.6057



76.0803, 65.9918, 90.4572



77.0409, 90.9409, 97.8927



18.5791, 18.2150, 21.6668



26.3956, 13.0475, 26.5315



2.6148, 1.2883, 2.8187

Previews

White Background



This preview shows how the XYZ color 79.0983, 71.3334, 93.6042 looks on a white background.

Color Contrast Check

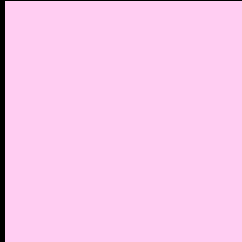
Large Text (above 18pt) WCAG AA × Fail

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 79.0983, 71.3334, 93.6042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

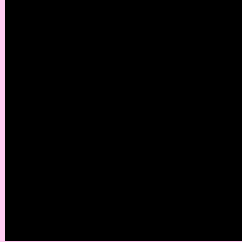
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0983, 71.3334, 93.6042

Background



This preview shows how black text looks on a background with the XYZ color 79.0983, 71.3334, 93.6042.



This preview shows how white text looks on a background with the XYZ color 79.0983, 71.3334,

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

79.0983, 71.3334, 93.6042

Protanopia

70.3511, 71.4920, 100.5339

Deuteranopia

73.0535, 71.5402, 92.3964



Tritanopia

76.5184, 71.3762, 80.2650

Trichromacy



Original Color

79.0983, 71.3334, 93.6042

Protanomaly

73.2159, 71.1269, 97.8657

Deuteranomaly

75.1066, 71.4647, 93.0546

Tritanomaly

77.6097, 71.4660, 85.3052

Monochromacy



Original Color

79.0983, 71.3334, 93.6042

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.4976, 73.0574, 85.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0983, 71.3334, 93.6042 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, 205, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 242)  
}
```

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, 205, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.0983, 71.3334, 93.6042 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, 205, 242) }
```


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

```
.border{ border-color:rgb(255, 205, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0983, 71.3334, 93.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 242) }
```

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

```
.background{ background-color: rgb(255,  
205, 242) }
```

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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