

Converting Colors

XYZ(111.0604, 87.6558,
95.7732)

Have a look what the booklet for
XYZ(111.0604, 87.6558, 95.7732)
contains.

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Color

**XYZ(79.2490, 71.3937,
94.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF3
RGB	255, 205, 243
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.1961, 0.0471
CMYK	0.00, 0.20, 0.05, 0.00
HSL	314°, 100%, 90%
HSV	314°, 20%, 100%
XYZ	79.2490, 71.3937, 94.3975
YIQ	224.2820, 17.6020, 22.4180

Conversions

Conversions Part 2

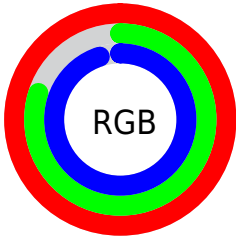
Format	Color
R _Y B	255, 205, 243
Decimal	16764403
CIE Lab	87.68, 23.72, -11.95
CIE LCh	88, 26.566, 333.258
Yxy	71.3937, 0.3234, 0.2914
Android (android.graphics.Color)	4294954483 (0xFFFFCDF3)
YUV	224.2820, 9.2280, 26.9397
Hunter-Lab	84.4948, 19.5521, -7.0924

Details

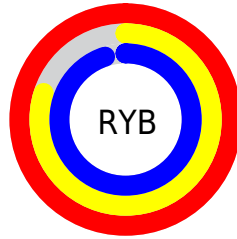
The XYZ color **79.2490, 71.3937, 94.3975** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4634, 89.5100, 79.0539**, and the grayscale version is **70.9819, 74.6785, 81.3248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1647, 37.4063, 51.9588** is the 20% darker color. If you saturate the color by 10%, you get **72.7304, 59.8108, 87.7411**, and if you desaturate by 10%, it is **86.7956, 84.9827, 101.5505**.

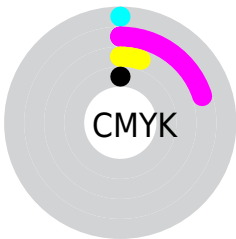
Distribution



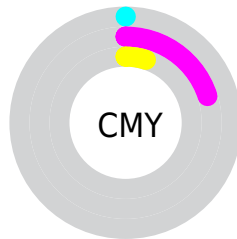
- Red (100%)
- Green (80%)
- Blue (95%)



- 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 79.2490, 71.3937, 94.3975 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 79.2490, 71.3937, 94.3975 by changing the saturation by 10% instead.


 79.2490, 71.3937,
94.3975

 79.2490, 71.3937,
94.3975


481.1735,
465.4285, 563.1693

 59.4069, 52.6635,
71.0395


131.2654,
121.1941, 155.4204

 43.1884, 37.5342,
51.8924


164.1705,
153.0332, 193.9223

 30.2281, 25.6214,
36.5377


202.1605,
190.0107, 238.3093

 20.1607, 16.5406,
24.5568

245.6009,
232.5111, 289.0000

 12.6209, 9.9075,
15.5311

294.8571,
280.9186, 346.4127

 7.2432, 5.3377,
9.0422

350.2943,

 3.6623, 2.4467,

335.6178, 410.9662

4.6716

412.2780,
396.9930, 483.0789

■ 1.5129, 0.8498,
2.0005

■ 0.3346, 0.0000,
0.5556

■ 79.2490, 71.3937,
94.3975

■ 79.2490, 71.3937,
94.3975

■ 72.7304, 59.8108,
87.7411

■ 86.7956, 84.9827,
101.5505

■ 67.1866, 50.1292,
81.5593

95.0500, 100.0000,
108.9000

■ 62.5670, 42.2473,
75.8346

■ 58.8140, 36.0509,
70.5464

■ 55.8637, 31.4125,
65.6718

■ 53.6430, 28.1864,
61.1849

■ 52.0648, 26.1991,
57.0550

■ 50.9931, 25.1787,
53.2353

■ 50.9551, 25.1460,
53.0890

Harmonies

Analogous

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



74.7131, 71.3937, 110.4688



79.2490, 71.3937, 94.3975



80.6712, 71.3937, 75.7825

Triad

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



79.2490, 71.3937, 94.3975



67.1721, 71.3937, 48.0130



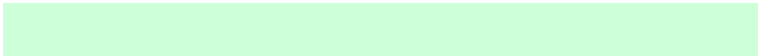
58.2325, 71.3937, 98.3342

Complementary

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



79.2490, 71.3937, 94.3975



73.4634, 89.5100, 79.0539

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.



56.4781, 71.3937, 79.7220



79.2490, 71.3937, 94.3975



61.4348, 71.3937, 52.2060

Square

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



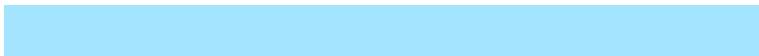
79.2490, 71.3937, 94.3975



73.4501, 71.3937, 50.7100



57.6137, 71.3937, 63.1596



62.5564, 71.3937, 112.9773

Rectangle

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



79.2490, 71.3937, 94.3975



79.5944, 71.3937, 64.8372



57.6137, 71.3937, 63.1596



57.3353, 71.3937, 92.2403

Sweetspot

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



79.2506, 71.3966, 94.3990



89.7762, 90.3894, 104.2533



68.4003, 65.5868, 103.6622



19.0980, 19.1331, 22.2086



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.



79.2506, 71.3966, 94.3990



76.2619, 66.0644, 91.4135



75.7718, 70.0051, 76.0802



18.5953, 18.2214, 21.7520



26.6866, 13.1639, 28.0640



2.6410, 1.2988, 2.9567

Inverse Universe

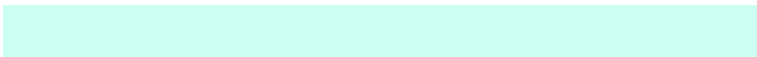
The Inverse Universe completely reimagines the original color for something new.



79.2506, 71.3966, 94.3990



76.2619, 66.0644, 91.4135



76.9157, 90.8908, 97.2332



18.5953, 18.2214, 21.7520



26.6866, 13.1639, 28.0640



2.6410, 1.2988, 2.9567

Previews

White Background



This preview shows how the XYZ color 79.2490, 71.3937, 94.3975 looks on a white background.

Color Contrast Check

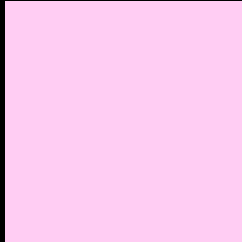
Large Text (above 18pt) WCAG AA × Fail

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 79.2490, 71.3937, 94.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

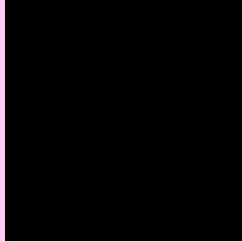
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2490, 71.3937, 94.3975

Background



This preview shows how black text looks on a background with the XYZ color 79.2490, 71.3937, 94.3975.



This preview shows how white text looks on a background with the XYZ color 79.2490, 71.3937,

94.3975.

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

79.2490, 71.3937, 94.3975

Protanopia

70.6664, 71.6182, 102.1946

Deuteranopia

73.2025, 71.5998, 93.1810



Tritanopia

76.1553, 71.1890, 80.2480

Trichromacy



Original Color

79.2490, 71.3937, 94.3975

Protanomaly

73.5263, 71.2510, 99.5001

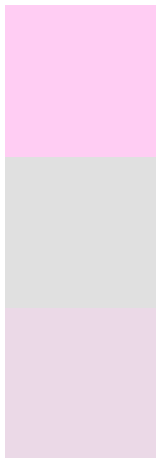
Deuteranomaly

75.2565, 71.5246, 93.8436

Tritanomaly

77.2446, 71.2778, 85.2881

Monochromacy



Original Color

79.2490, 71.3937, 94.3975

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 79.2490, 71.3937, 94.3975 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.2490, 71.3937, 94.3975 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, 243) }
```


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

```
.border{ border-color:rgb(255, 205, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2490, 71.3937, 94.3975 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
205, 243) }
```

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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