

Converting Colors

XYZ(79.0770, 71.1605, 99.9935)

Have a look what the booklet for XYZ(79.0770, 71.1605, 99.9935) contains.

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Color

**XYZ(79.2315, 71.2602,
100.0211)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCDFA
RGB	252, 205, 250
RGB Percent	99%, 80%, 98%
CMY	0.0118, 0.1961, 0.0196
CMYK	0.00, 0.19, 0.01, 0.01
HSL	303°, 89%, 90%
HSV	303°, 19%, 99%
XYZ	79.2315, 71.2602, 100.0211
YIQ	224.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

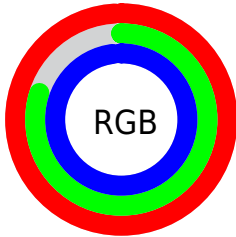
Format	Color
RYB	252, 205, 250
Decimal	16567802
CIELab	87.61, 23.97, -15.78
CIELCh	88, 28.696, 326.641
Yxy	71.2602, 0.3163, 0.2845
Android (android.graphics.Color)	4294757882 (0xFFFCDDFA)
YUV	224.1830, 12.7278, 24.3955
Hunter-Lab	84.4158, 19.8101, -11.1595

Details

The XYZ color **79.2315, 71.2602, 100.0211** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2525, 87.1070, 72.0933**, and the grayscale version is **70.8892, 74.5810, 81.2187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0377, 37.2651, 55.3766** is the 20% darker color. If you saturate the color by 10%, you get **73.5152, 60.0949, 97.2890**, and if you desaturate by 10%, it is **85.9238, 84.3737, 103.0849**.

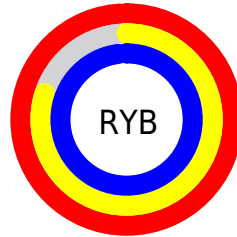
Distribution



Red (99%)

Green (80%)

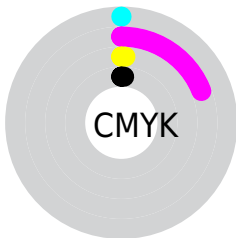
Blue (98%)



Red (99%)

Yellow (80%)

Blue (98%)

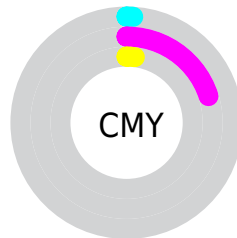


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2315, 71.2602, 100.0211 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 79.2315, 71.2602, 100.0211 by changing the saturation by 10% instead.


 79.2315, 71.2602,
100.0211

 79.2315, 71.2602,
100.0211


481.1152,
464.9625, 581.5076

 59.3925, 52.5546,
75.7012


131.2409,
121.0041, 163.2383

 43.1767, 37.4473,
55.6823

164.1420,
152.8112, 202.9727

 30.2189, 25.5540,
39.5460

202.1278,
189.7543, 248.6823

 20.1537, 16.4903,
26.8737

245.5637,
232.2177, 300.7856

 12.6157, 9.8718,
17.2468

294.8151,
280.5858, 359.7013

 7.2396, 5.3140,
10.2468

350.2472,

 3.6601, 2.4327,

335.2430, 425.8478

5.4551

412.2254,
396.5738, 499.6437

■ 1.5117, 0.8426,
2.4533

■ 0.3338, 0.0000,
0.8153

■ 79.2315, 71.2602,
100.0211

■ 79.2315, 71.2602,
100.0211

■ 73.5152, 60.0949,
97.2890

■ 85.9238, 84.3737,
103.0849

■ 68.7222, 50.7757,
94.8685

■ 93.4994, 99.2533,
106.4471

■ 64.8043, 43.2053,
92.7444

■ 93.6700, 99.3216,
107.3456

■ 61.7066, 37.2738,
90.8985

■ 93.8416, 99.3902,
108.2493

■ 59.3680, 32.8589, 93.9554, 99.4357,
89.3102 108.8488

■ 57.7188, 29.8212,
87.9565

■ 56.6764, 27.9957,
86.8097

■ 56.1225, 27.1457,
85.8303

■ 56.0638, 27.0631,
85.7038

Harmonies

Analogous

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



73.7554, 71.2602, 116.0410



79.2315, 71.2602, 100.0211



81.6184, 71.2602, 79.8017

Triad

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



79.2315, 71.2602, 100.0211



68.4985, 71.2602, 45.9285



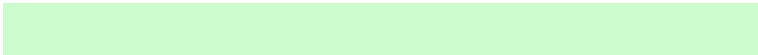
56.7180, 71.2602, 95.5935

Complementary

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



79.2315, 71.2602, 100.0211



71.2525, 87.1070, 72.0933

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.



55.5151, 71.2602, 75.4200



79.2315, 71.2602, 100.0211



62.0433, 71.2602, 48.7373

Square

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



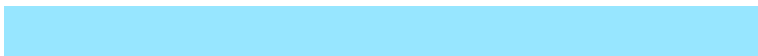
79.2315, 71.2602, 100.0211



75.1667, 71.2602, 50.3619



57.4004, 71.2602, 58.7918



60.8020, 71.2602, 113.1994

Rectangle

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



79.2315, 71.2602, 100.0211



81.0260, 71.2602, 67.3672



57.4004, 71.2602, 58.7918



55.9756, 71.2602, 88.7985

Sweetspot

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



79.2336, 71.2633, 100.0226



90.2572, 90.5818, 106.7860



65.0164, 63.8976, 101.0035



19.2120, 19.1787, 22.8090



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.



79.2336, 71.2633, 100.0226



79.3083, 69.1280, 101.7680



75.8346, 69.9037, 82.1234



17.9593, 17.5111, 21.6411



29.2184, 14.1031, 44.7200



2.7158, 1.3100, 4.1926

Inverse Universe

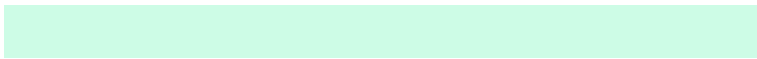
The Inverse Universe completely reimagines the original color for something new.



79.2336, 71.2633, 100.0226



79.3083, 69.1280, 101.7680



74.2821, 88.3188, 88.0467



17.9593, 17.5111, 21.6411



29.2184, 14.1031, 44.7200



2.7158, 1.3100, 4.1926

Previews

White Background



This preview shows how the XYZ color 79.2315, 71.2602, 100.0211 looks on a white background.

Color Contrast Check

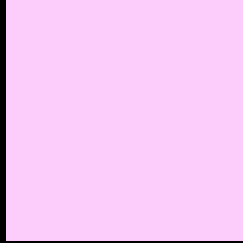
Large Text (above 18pt) WCAG AA × Fail

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 79.2315, 71.2602, 100.0211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

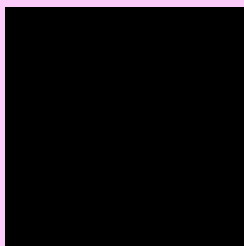
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2315, 71.2602, 100.0211

Background



This preview shows how black text looks on a background with the XYZ color 79.2315, 71.2602, 100.0211.



This preview shows how white text looks on a background with the XYZ color 79.2315, 71.2602,

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

79.2315, 71.2602, 100.0211

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

72.9848, 71.3644, 98.7349



Tritanopia

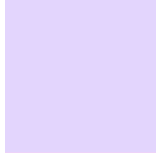
75.5949, 71.2317, 81.7163

Trichromacy



Original Color

79.2315, 71.2602, 100.0211



Protanomaly

73.2024, 71.0112, 102.7769



Deuteranomaly

75.3182, 71.4326, 99.4407



Tritanomaly

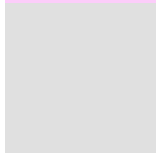
76.9756, 71.4339, 88.3283

Monochromacy



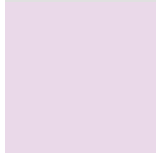
Original Color

79.2315, 71.2602, 100.0211



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

73.4525, 73.0013, 87.3101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2315, 71.2602, 100.0211 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, 205, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 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, 205, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.2315, 71.2602, 100.0211 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, 205, 250) }
```


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

```
.border{ border-color:rgb(252, 205, 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, 205, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2315, 71.2602, 100.0211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 250) }
```

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

```
.background{ background-color: rgb(252,  
205, 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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