

Converting Colors

XYZ(79.0176, 70.9196, 94.3553)

Have a look what the booklet for
XYZ(79.0176, 70.9196, 94.3553)
contains.

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Color

**XYZ(79.0105, 70.9168,
94.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCF3
RGB	255, 204, 243
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.2000, 0.0471
CMYK	0.00, 0.20, 0.05, 0.00
HSL	314°, 100%, 90%
HSV	314°, 20%, 100%
XYZ	79.0105, 70.9168, 94.3180
YIQ	223.6950, 17.8770, 22.9410

Conversions

Conversions Part 2

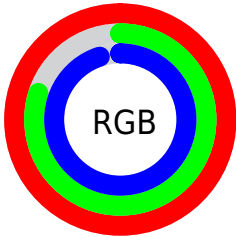
Format	Color
R_{YB}	255, 204, 243
Decimal	16764147
CIE _{Lab}	87.44, 24.25, -12.30
CIE _{LCh}	87, 27.190, 333.106
Yxy	70.9168, 0.3235, 0.2904
Android (android.graphics.Color)	4294954227 (0xFFFFCCF3)
YUV	223.6950, 9.5174, 27.4545
Hunter-Lab	84.2121, 20.1032, -7.4566

Details

The XYZ color **79.0105, 70.9168, 94.3180** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0587, 89.3163, 78.3581**, and the grayscale version is **70.5607, 74.2354, 80.8423**.

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 **72.5475, 59.4170, 87.7666**, and if you desaturate by 10%, it is **86.4986, 84.4186, 101.3591**.

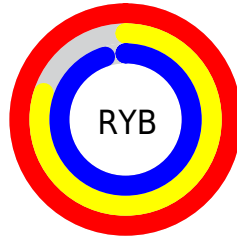
Distribution



Red (100%)

Green (80%)

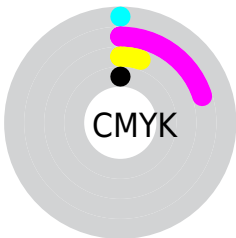
Blue (95%)



Red (100%)

Yellow (80%)

Blue (95%)

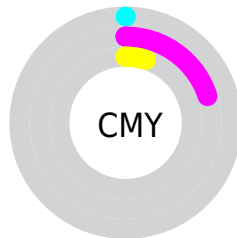


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0105, 70.9168, 94.3180 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 79.0105, 70.9168, 94.3180 by changing the saturation by 10% instead.


 79.0105, 70.9168,
94.3180

 79.0105, 70.9168,
94.3180


480.3793,
463.7625, 562.9078

 59.2101, 52.2743,
70.9737


130.9315,
120.5153, 155.3095

 43.0293, 37.2238,
51.8391

163.7828,
152.2400, 193.7938

 30.1027, 25.3808,
36.4954


201.7151,
189.0943, 238.1619

 20.0650, 16.3610,
24.5244

245.0938,
231.4625, 288.8323

 12.5509, 9.7800,
15.5073

294.2842,
279.7290, 346.2236

 7.1949, 5.2533,
9.0256

349.6517,

 3.6317, 2.3966,

334.2783, 410.7542

4.6608

411.5616,
395.4947, 482.8428

■ 1.4959, 0.8242,
1.9944

■ 0.3231, 0.0000,
0.5519

■ 79.0105, 70.9168,
94.3180

■ 79.0105, 70.9168,
94.3180

■ 72.5475, 59.4170,
87.7666

■ 86.4986, 84.4186,
101.3591

■ 67.0562, 49.8140,
81.6829

95.0500, 100.0000,
108.9000

■ 62.4856, 42.0061,
76.0495

■ 58.7783, 35.8784,
70.8458

■ 55.8698, 31.3030,
66.0488

■ 53.6867, 28.1332,
61.6327

■ 52.1413, 26.1942,
57.5666

■ 51.0905, 25.2003,
53.8016

■ 51.0902, 25.2001,
53.8007

Harmonies

Analogous

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



74.3661, 70.9168, 110.7371



79.0105, 70.9168, 94.3180



80.4821, 70.9168, 75.3189

Triad

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



79.0105, 70.9168, 94.3180



66.7385, 70.9168, 47.0488



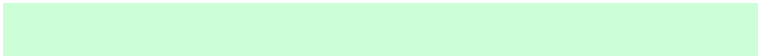
57.5937, 70.9168, 98.1554

Complementary

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



79.0105, 70.9168, 94.3180



73.0587, 89.3163, 78.3581

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.



55.8259, 70.9168, 79.1454



79.0105, 70.9168, 94.3180



60.8911, 70.9168, 51.2511

Square

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



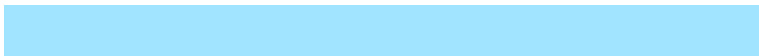
79.0105, 70.9168, 94.3180



73.1375, 70.9168, 49.8090



56.9942, 70.9168, 62.3179



61.9788, 70.9168, 113.1880

Rectangle

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



79.0105, 70.9168, 94.3180



79.3942, 70.9168, 64.1704



56.9942, 70.9168, 62.3179



56.6867, 70.9168, 91.9205

Sweetspot

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



79.0121, 70.9197, 94.3195



89.7876, 90.3940, 104.3132



67.9350, 64.9929, 103.5721



19.1007, 19.1341, 22.2228



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.



79.0121, 70.9197, 94.3195



76.3048, 66.0816, 91.6394



75.4374, 69.4898, 75.4954



18.5991, 18.2230, 21.7721



26.7565, 13.1919, 28.4321



2.6472, 1.3013, 2.9898

Inverse Universe

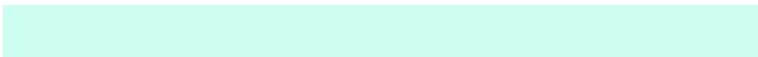
The Inverse Universe completely reimagines the original color for something new.



79.0121, 70.9197, 94.3195



76.3048, 66.0816, 91.6394



76.6007, 90.7331, 97.0099



18.5991, 18.2230, 21.7721



26.7565, 13.1919, 28.4321



2.6472, 1.3013, 2.9898

Previews

White Background



This preview shows how the XYZ color 79.0105, 70.9168, 94.3180 looks on a white background.

Color Contrast Check

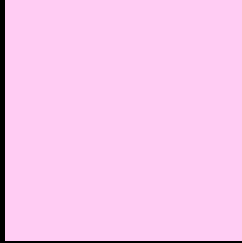
Large Text (above 18pt) WCAG AA × Fail

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 79.0105, 70.9168, 94.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

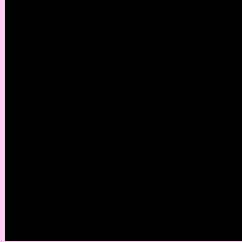
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0105, 70.9168, 94.3180

Background



This preview shows how black text looks on a background with the XYZ color 79.0105, 70.9168, 94.3180.



This preview shows how white text looks on a background with the XYZ color 79.0105, 70.9168,

94.3180.

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

79.0105, 70.9168, 94.3180

Protanopia

70.3736, 71.4672, 102.1809

Deuteranopia

72.6264, 70.9283, 93.0818



Tritanopia

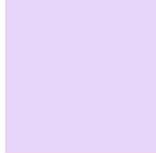
75.9123, 70.7029, 80.1670

Trichromacy



Original Color

79.0105, 70.9168, 94.3180



Protanomaly

73.2062, 71.0861, 99.4851



Deuteranomaly

75.0088, 71.0293, 93.7610



Tritanomaly

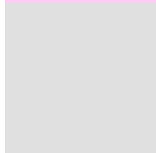
77.0031, 70.7948, 85.2076

Monochromacy



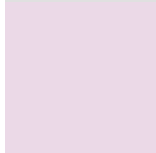
Original Color

79.0105, 70.9168, 94.3180



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 79.0105, 70.9168, 94.3180 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, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.0105, 70.9168, 94.3180 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, 204, 243) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0105, 70.9168, 94.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 243) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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