

Converting Colors

XYZ(111.1254, 87.1494,
100.7577)

Have a look what the booklet for
XYZ(111.1254, 87.1494, 100.7577)
contains.

XYZ(79.6948, 70.8114, 99.0901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.6948, 70.8114,
99.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBF9
RGB	255, 203, 249
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.2039, 0.0235
CMYK	0.00, 0.20, 0.02, 0.00
HSL	307°, 100%, 90%
HSV	307°, 20%, 100%
XYZ	79.6948, 70.8114, 99.0901
YIQ	223.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

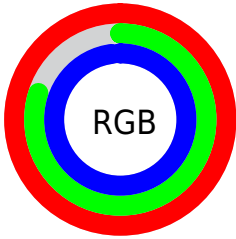
Format	Color
R _Y B	255, 203, 249
Decimal	16763897
CIE Lab	87.39, 25.82, -15.55
CIE LCh	87, 30.144, 328.944
Yxy	70.8114, 0.3193, 0.2837
Android (android.graphics.Color)	4294953977 (0xFFFFCBF9)
YUV	223.7920, 12.4275, 27.3694
Hunter-Lab	84.1495, 21.7889, -10.9122

Details

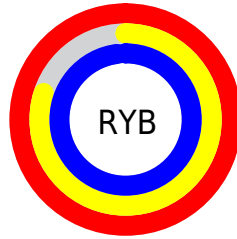
The XYZ color **79.6948, 70.8114, 99.0901** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8993, 88.8210, 73.6792**, and the grayscale version is **70.6105, 74.2878, 80.8994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6618, 37.3509, 55.3603** is the 20% darker color. If you saturate the color by 10%, you get **73.7059, 59.5619, 94.8483**, and if you desaturate by 10%, it is **86.6844, 84.0502, 103.7029**.

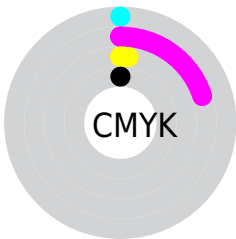
Distribution



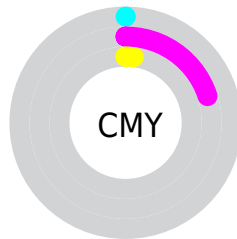
- Red (100%)
- Green (80%)
- Blue (98%)



- Red (100%)
- Yellow (80%)
- Blue (98%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6948, 70.8114, 99.0901 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 79.6948, 70.8114, 99.0901 by changing the saturation by 10% instead.


 79.6948, 70.8114,
99.0901

 79.6948, 70.8114,
99.0901


482.6559,
463.3939, 578.4932

 59.7748, 52.1883,
74.9282


131.8893,
120.3651, 161.9472

 43.4859, 37.1552,
55.0527


164.8946,
152.0646, 201.4794

 30.4627, 25.3277,
39.0450


202.9924,
188.8916, 246.9722

 20.3399, 16.3213,
26.4867

246.5480,
231.2305, 298.8441

 12.7521, 9.7518,
16.9590

295.9268,
279.4658, 357.5136

 7.3339, 5.2347,
10.0436

351.4941,

 3.7199, 2.3856,

333.9819, 423.3993

5.3219

413.6154,
395.1631, 496.9196

■ 1.5449, 0.8185,
2.3753

■ 0.3561, 0.0000,
0.7730

■ 79.6948, 70.8114,
99.0901

■ 79.6948, 70.8114,
99.0901

■ 73.7059, 59.5619,
94.8483

■ 86.6844, 84.0502,
103.7029

■ 68.6645, 50.1965,
90.9567

94.7152, 99.3599,
108.6973

■ 64.5199, 42.6131,
87.3991

95.0500, 100.0000,
108.9000

■ 61.2144, 36.6965,
84.1562

■ 58.6837, 32.3183,
81.2064

■ 56.8540, 29.3310,
78.5249

■ 55.6373, 27.5584,
76.0823

■ 54.9098, 26.7279,
73.9144

Harmonies

Analogous

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



74.1324, 70.8114, 116.6437



79.6948, 70.8114, 99.0901



81.9032, 70.8114, 77.8243

Triad

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



79.6948, 70.8114, 99.0901



67.5560, 70.8114, 44.2342



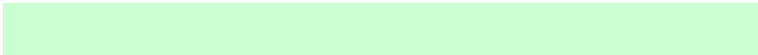
56.0463, 70.8114, 97.6222

Complementary

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



79.6948, 70.8114, 99.0901



71.8993, 88.8210, 73.6792

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.



54.5519, 70.8114, 76.3833



79.6948, 70.8114, 99.0901



60.9086, 70.8114, 47.6891

Square

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



79.6948, 70.8114, 99.0901



74.5981, 70.8114, 48.2141



56.2693, 70.8114, 58.6333



60.5018, 70.8114, 115.6968

Rectangle

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



79.6948, 70.8114, 99.0901



81.0656, 70.8114, 65.0878



56.2693, 70.8114, 58.6333



55.1955, 70.8114, 90.5096

Sweetspot

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



79.6964, 70.8142, 99.0916



90.0789, 90.5105, 105.8473



65.4774, 63.3742, 103.3892



19.1697, 19.1618, 22.5864



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.



79.6964, 70.8142, 99.0916



77.4211, 66.5281, 97.5181



76.0252, 69.3457, 79.7594



18.6971, 18.2621, 22.2880



28.7276, 13.9803, 38.8115



2.8216, 1.3710, 3.9081

Inverse Universe

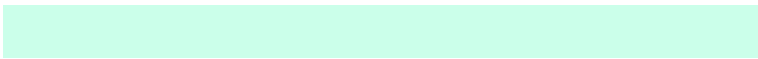
The Inverse Universe completely reimagines the original color for something new.



79.6964, 70.8142, 99.0916



77.4211, 66.5281, 97.5181



75.2705, 90.1695, 91.4316



18.6971, 18.2621, 22.2880



28.7276, 13.9803, 38.8115



2.8216, 1.3710, 3.9081

Previews

White Background



This preview shows how the XYZ color 79.6948, 70.8114, 99.0901 looks on a white background.

Color Contrast Check

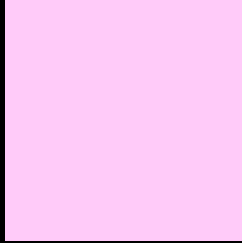
Large Text (above 18pt) WCAG AA × Fail

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 79.6948, 70.8114, 99.0901 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 79.6948, 70.8114, 99.0901

Background



This preview shows how black text looks on a background with the XYZ color 79.6948, 70.8114, 99.0901.



This preview shows how white text looks on a background with the XYZ color 79.6948, 70.8114,

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

79.6948, 70.8114, 99.0901

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.8300, 71.3025, 97.9199



Tritanopia

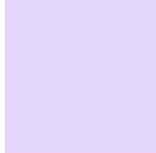
75.5510, 70.5167, 80.1501

Trichromacy



Original Color

79.6948, 70.8114, 99.0901



Protanomaly

73.5188, 71.1743, 102.7917



Deuteranomaly

75.2498, 71.0476, 98.5544



Tritanomaly

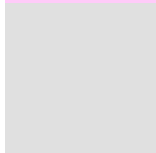
76.9242, 70.7213, 86.6870

Monochromacy



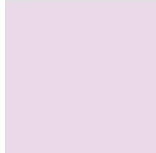
Original Color

79.6948, 70.8114, 99.0901



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

73.5248, 72.6571, 87.2398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6948, 70.8114, 99.0901 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, 203, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 249)  
}
```

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, 203, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.6948, 70.8114, 99.0901 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, 203, 249) }
```


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

```
.border{ border-color:rgb(255, 203, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6948, 70.8114, 99.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 249) }
```

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

```
.background{ background-color: rgb(255,  
203, 249) }
```

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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