

Converting Colors

XYZ(79.9194, 70.2782,
103.9606)

Have a look what the booklet for
XYZ(79.9194, 70.2782, 103.9606)
contains.

XYZ(79.8097, 70.0641, 103.9250)	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(79.8097, 70.0641,
103.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC9FF
RGB	254, 201, 255
RGB Percent	100%, 79%, 100%
CMY	0.0039, 0.2117, 0.0000
CMYK	0.00, 0.21, 0.00, 0.00
HSL	299°, 100%, 89%
HSV	299°, 21%, 100%
XYZ	79.8097, 70.0641, 103.9250
YIQ	223.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

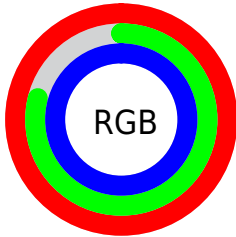
Format	Color
R_{YB}	254, 201, 255
Decimal	16697855
CIE _{Lab}	87.03, 27.62, -19.28
CIE _{LCh}	87, 33.687, 325.084
Yxy	70.0641, 0.3145, 0.2761
Android (android.graphics.Color)	4294887935 (0xFFFECC9FF)
YUV	223.0030, 15.7745, 27.1844
Hunter-Lab	83.7043, 23.7122, -15.0199

Details

The XYZ color **79.8097, 70.0641, 103.9250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6614, 88.2944, 68.5801**, and the grayscale version is **70.0275, 73.6744, 80.2314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6527, 36.8150, 58.2313** is the 20% darker color. If you saturate the color by 10%, you get **74.1799, 59.0595, 102.0976**, and if you desaturate by 10%, it is **86.4305, 83.0483, 106.0823**.

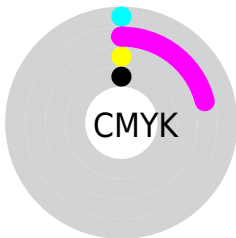
Distribution



- Red (100%)
- Green (79%)
- Blue (100%)



- Red (100%)
- Yellow (79%)
- Blue (100%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8097, 70.0641, 103.9250 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 79.8097, 70.0641, 103.9250 by changing the saturation by 10% instead.

 79.8097, 70.0641,
103.9250

 79.8097, 70.0641,
103.9250


483.0376,
460.7750, 594.0584

 59.8697, 51.5788,
78.9474


132.0501,
119.3002, 168.6394

 43.5627, 36.6694,
58.3315


165.0812,
150.8197, 209.2133

 30.5233, 24.9517,
41.6588


203.2066,
187.4528, 255.8230

 20.3862, 16.0410,
28.5106

246.7919,
229.5838, 308.8872

 12.7859, 9.5532,
18.4685

296.2023,
277.5971, 368.8242

 7.3573, 5.1037,
11.1140

351.8031,

 3.7348, 2.3083,

331.8772, 436.0528

6.0284

413.9597,
392.8084, 510.9913

■ 1.5532, 0.7781,
2.7933

■ 0.3616, 0.0000,
0.9901

■ 79.8097, 70.0641,
103.9250

■ 79.8097, 70.0641,
103.9250

■ 74.1799, 59.0595,
102.0976

■ 86.4305, 83.0483,
106.0823

■ 69.4867, 49.9282,
100.5825

■ 94.0818, 98.0938,
108.5831

■ 65.6792, 42.5677,
99.3624

95.0500, 100.0000,
108.9000

■ 62.6993, 36.8619,
98.4182

■ 60.4822, 32.6810,
97.7280

■ 58.9532, 29.8758,
97.2672

■ 58.0229, 28.2672,
97.0057

■ 57.5768, 27.5968,
96.8998

Harmonies

Analogous

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



73.2274, 70.0641, 122.7355



79.8097, 70.0641, 103.9250



82.8629, 70.0641, 80.0684

Triad

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



79.8097, 70.0641, 103.9250



67.9011, 70.0641, 40.7009



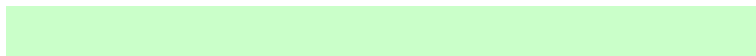
53.7895, 70.0641, 96.2069

Complementary

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



79.8097, 70.0641, 103.9250



70.6614, 88.2944, 68.5801

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.



52.6071, 70.0641, 72.6283



79.8097, 70.0641, 103.9250



60.3734, 70.0641, 43.3437

Square

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



79.8097, 70.0641, 103.9250



75.6503, 70.0641, 45.9458



54.9239, 70.0641, 54.0441



58.2906, 70.0641, 117.6988

Rectangle

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



79.8097, 70.0641, 103.9250



82.3246, 70.0641, 65.5416



54.9239, 70.0641, 54.0441



53.0066, 70.0641, 88.1490

Sweetspot

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



79.8117, 70.0671, 103.9255



90.2579, 90.5701, 107.3324



63.4489, 62.2583, 103.2807



19.2122, 19.1759, 22.9387



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.



79.8117, 70.0671, 103.9255



77.5431, 65.6279, 103.1882



76.3832, 68.7380, 83.9596



18.7575, 18.2822, 22.7901



30.1002, 14.4277, 50.6330



2.9409, 1.4100, 4.9304

Inverse Universe

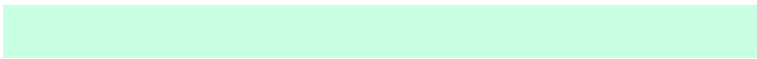
The Inverse Universe completely reimagines the original color for something new.



72.7891, 67.3004, 65.0334



69.4874, 62.4555, 58.5113



73.6043, 89.4404, 85.4820



18.0230, 17.9925, 18.7383



21.5682, 11.1166, 1.1105



2.1046, 1.0842, 0.1322

Previews

White Background



This preview shows how the XYZ color 79.8097, 70.0641, 103.9250 looks on a white background.

Color Contrast Check

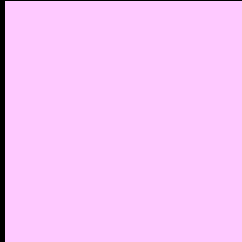
Large Text (above 18pt) WCAG AA × Fail

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 79.8097, 70.0641, 103.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

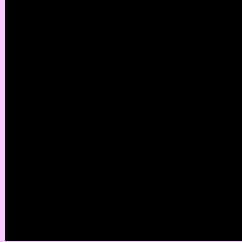
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8097, 70.0641, 103.9250

Background



This preview shows how black text looks on a background with the XYZ color 79.8097, 70.0641, 103.9250.



This preview shows how white text looks on a background with the XYZ color 79.8097, 70.0641,

103.9250.

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

79.8097, 70.0641, 103.9250

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

71.9553, 70.3683, 102.7185



Tritanopia

74.6990, 70.0931, 79.4043

Trichromacy



Original Color

79.8097, 70.0641, 103.9250



Protanomaly

72.7083, 69.9773, 104.2826



Deuteranomaly

74.6215, 70.2491, 103.3924



Tritanomaly

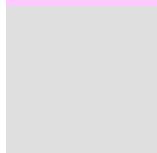
76.6104, 70.1700, 88.1036

Monochromacy



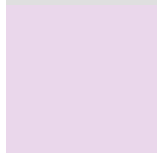
Original Color

79.8097, 70.0641, 103.9250



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.2275, 72.0915, 88.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8097, 70.0641, 103.9250 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(254, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 255)  
}
```

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(254, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.8097, 70.0641, 103.9250 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(254, 201, 255) }
```


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

```
.border{ border-color:rgb(254, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8097, 70.0641, 103.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 255) }
```

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

```
.background{ background-color: rgb(254,  
201, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor