

Converting Colors

XYZ(79.0757, 70.3854,
104.0257)

Have a look what the booklet for
XYZ(79.0757, 70.3854, 104.0257)
contains.

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Color

**XYZ(79.1896, 70.4411,
104.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCBFF
RGB	251, 203, 255
RGB Percent	98%, 80%, 100%
CMY	0.0157, 0.2039, 0.0000
CMYK	0.02, 0.20, 0.00, 0.00
HSL	295°, 100%, 90%
HSV	295°, 20%, 100%
XYZ	79.1896, 70.4411, 104.0305
YIQ	223.2800, 11.9160, 26.3480

Conversions

Conversions Part 2

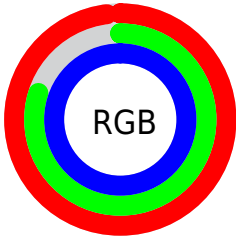
Format	Color
R _Y B	251, 203, 255
Decimal	16501759
CIE Lab	87.21, 25.60, -19.03
CIE LCh	87, 31.901, 323.377
Yxy	70.4411, 0.3122, 0.2777
Android (android.graphics.Color)	4294691839 (0xFFFBCBFF)
YUV	223.2800, 15.6380, 24.3104
Hunter-Lab	83.9292, 21.5438, -14.7397

Details

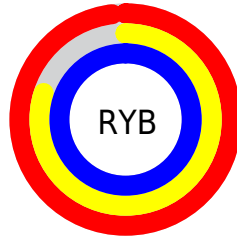
The XYZ color **79.1896, 70.4411, 104.0305** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2734, 89.0980, 69.8918**, and the grayscale version is **70.2264, 73.8836, 80.4592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1886, 37.0414, 58.2995** is the 20% darker color. If you saturate the color by 10%, you get **72.9537, 59.0116, 102.1530**, and if you desaturate by 10%, it is **86.4271, 83.8610, 106.2393**.

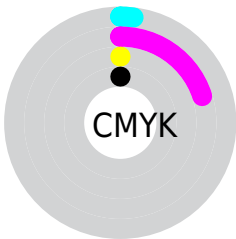
Distribution



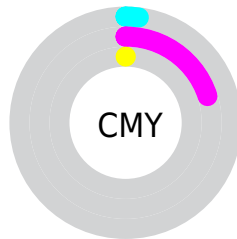
- Red (98%)
- Green (80%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1896, 70.4411, 104.0305 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 79.1896, 70.4411, 104.0305 by changing the saturation by 10% instead.

 79.1896, 70.4411,
104.0305

 79.1896, 70.4411,
104.0305


480.9758,
462.0973, 594.3957

 59.3579, 51.8862,
79.0352


131.1823,
119.8376, 168.7851

 43.1488, 36.9144,
58.4033


164.0739,
151.4480, 209.3815

 30.1969, 25.1412,
41.7161


202.0496,
188.1790, 256.0154

 20.1369, 16.1823,
28.5552

245.4747,
230.4150, 309.1053

 12.6034, 9.6532,
18.5019

294.7144,
278.5405, 369.0697

 7.2311, 5.1697,
11.1378

350.1343,

 3.6547, 2.3471,

332.9397, 436.3272

6.0442

412.0996,
393.9972, 511.2963

■ 1.5087, 0.7985,
2.8028

■ 0.3317, 0.0000,
0.9948

■ 79.1896, 70.4411,
104.0305

■ 79.1896, 70.4411,
104.0305

■ 72.9537, 59.0116,
102.1530

■ 86.4271, 83.8610,
106.2393

■ 67.6651, 49.4670,
100.5895

94.7055, 99.3527,
108.7932

■ 63.2734, 41.7052,
99.3228

95.0500, 100.0000,
108.9000

■ 59.7210, 35.6113,
98.3338

■ 56.9435, 31.0565,
97.6010

■ 54.8673, 27.8936,
97.0999

■ 53.4043, 25.9463,
96.8012

■ 52.4402, 24.9488,
96.6594

Harmonies

Analogous

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



72.8311, 70.4411, 121.1334



79.1896, 70.4411, 104.0305



82.3022, 70.4411, 81.5549

Triad

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



79.1896, 70.4411, 104.0305



68.6271, 70.4411, 42.5880



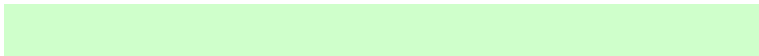
54.5827, 70.4411, 94.2568

Complementary

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



79.1896, 70.4411, 104.0305



72.2734, 89.0980, 69.8918

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.



53.6403, 70.4411, 72.0386



79.1896, 70.4411, 104.0305



61.3984, 70.4411, 44.7243

Square

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



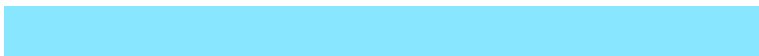
79.1896, 70.4411, 104.0305



75.9169, 70.4411, 48.1277



56.0452, 70.4411, 54.6293



58.7225, 70.4411, 114.7953

Rectangle

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



79.1896, 70.4411, 104.0305



81.9645, 70.4411, 67.5455



56.0452, 70.4411, 54.6293



53.8948, 70.4411, 86.6429

Sweetspot

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



79.1915, 70.4441, 104.0310



89.9303, 90.4012, 107.3171



65.0750, 64.7071, 103.6676



19.1345, 19.1358, 22.9350



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.



79.1915, 70.4441, 104.0310



76.8270, 66.0929, 103.3157



77.3533, 69.8769, 86.7531



18.6467, 18.2251, 22.7850



27.4591, 13.0662, 50.5094



2.7129, 1.2925, 4.9198

Inverse Universe

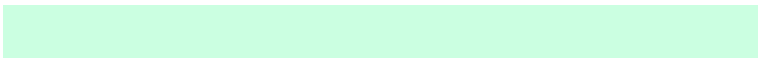
The Inverse Universe completely reimagines the original color for something new.



73.8602, 68.4797, 68.3590



70.7388, 63.8552, 62.3296



73.9357, 89.6355, 84.4029



18.0660, 18.0097, 18.9649



21.6329, 11.1425, 1.4516



2.1250, 1.0924, 0.2396

Previews

White Background



This preview shows how the XYZ color 79.1896, 70.4411, 104.0305 looks on a white background.

Color Contrast Check

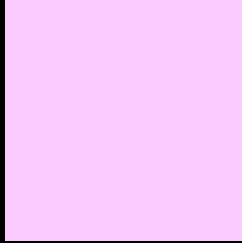
Large Text (above 18pt) WCAG AA × Fail

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 79.1896, 70.4411, 104.0305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

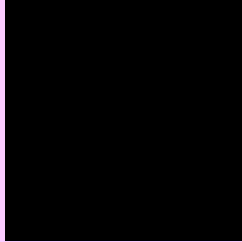
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1896, 70.4411, 104.0305

Background



This preview shows how black text looks on a background with the XYZ color 79.1896, 70.4411, 104.0305.

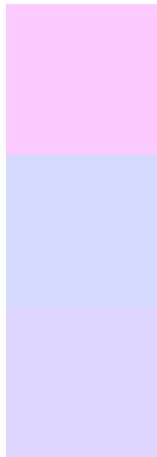


This preview shows how white text looks on a background with the XYZ color 79.1896, 70.4411,

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

79.1896, 70.4411, 104.0305

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.2643, 70.5276, 102.7330



Tritanopia

74.5043, 70.3222, 80.8809

Trichromacy



Original Color

79.1896, 70.4411, 104.0305

Protanomaly

72.9575, 70.4757, 104.3656

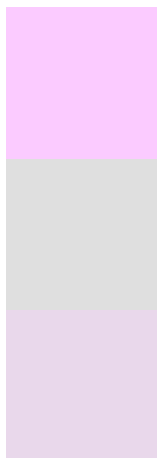
Deuteranomaly

74.6215, 70.2491, 103.3924

Tritanomaly

75.9230, 70.1552, 88.8966

Monochromacy



Original Color

79.1896, 70.4411, 104.0305

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

73.1555, 72.4335, 88.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1896, 70.4411, 104.0305 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(251, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 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(251, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.1896, 70.4411, 104.0305 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(251, 203, 255) }
```


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

```
.border{ border-color:rgb(251, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1896, 70.4411, 104.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 255) }
```

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

```
.background{ background-color: rgb(251,  
203, 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](#).

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