

Converting Colors

XYZ(79.3368, 68.8902,
102.7131)

Have a look what the booklet for
XYZ(79.3368, 68.8902, 102.7131)
contains.

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Color

**XYZ(79.3235, 68.8039,
102.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6FE
RGB	255, 198, 254
RGB Percent	100%, 78%, 100%
CMY	0.0000, 0.2235, 0.0039
CMYK	0.00, 0.22, 0.00, 0.00
HSL	301°, 100%, 89%
HSV	301°, 22%, 100%
XYZ	79.3235, 68.8039, 102.8656
YIQ	221.4270, 15.9960, 29.5000

Conversions

Conversions Part 2

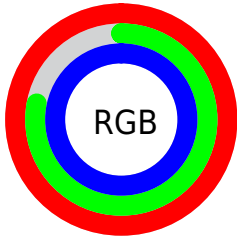
Format	Color
R _Y B	255, 198, 254
Decimal	16762622
CIE Lab	86.41, 29.34, -19.68
CIE LCh	86, 35.332, 326.147
Yxy	68.8039, 0.3160, 0.2741
Android (android.graphics.Color)	4294952702 (0xFFFFC6FE)
YUV	221.4270, 16.0585, 29.4435
Hunter-Lab	82.9481, 25.5408, -15.4630

Details

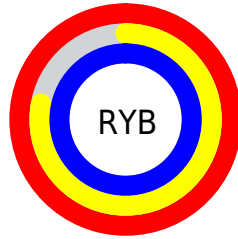
The XYZ color **79.3235, 68.8039, 102.8656** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.3595, 87.6503, 67.2981**, and the grayscale version is **68.9114, 72.5002, 78.9527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3400, 35.9835, 57.4846** is the 20% darker color. If you saturate the color by 10%, you get **73.9070, 58.0851, 100.7084**, and if you desaturate by 10%, it is **85.7242, 81.4904, 105.3537**.

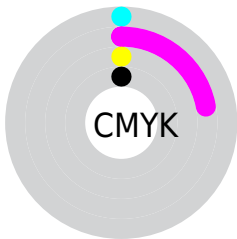
Distribution



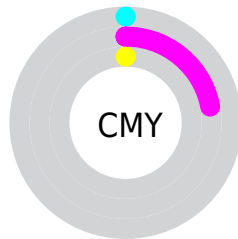
- Red (100%)
- Green (78%)
- Blue (100%)



- Red (100%)
- Yellow (78%)
- Blue (100%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3235, 68.8039, 102.8656 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 79.3235, 68.8039, 102.8656 by changing the saturation by 10% instead.


 79.3235, 68.8039,
102.8656

 79.3235, 68.8039,
102.8656

481.4214,
456.3390, 590.6665

 59.4684, 50.5520,
78.0657


131.3697,
117.5014, 167.1757

 43.2381, 35.8522,
57.6112

164.2915,
148.7159, 207.5231

 30.2673, 24.3201,
41.0835


202.2996,
185.0200, 253.8899

 20.1906, 15.5712,
28.0641


245.7593,
226.7981, 306.6949

 12.6428, 9.2213,
18.1346

295.0359,
274.4347, 366.3565

 7.2583, 4.8858,
10.8762

350.4949,

 3.6719, 2.1804,

328.3141, 433.2933

5.8705

412.5016,
388.8208, 507.9237

■ 1.5183, 0.7093,
2.6990

■ 0.3382, 0.0000,
0.9429

■ 79.3235, 68.8039,
102.8656

■ 79.3235, 68.8039,
102.8656

■ 73.9070, 58.0851,
100.7084

■ 85.7242, 81.4904,
105.3537

■ 69.4213, 49.2279,
98.8613

■ 93.1505, 96.2281,
108.1834

■ 65.8146, 42.1282,
97.3080

95.0500, 100.0000,
108.9000

■ 63.0280, 36.6686,
96.0289

■ 60.9957, 32.7173,
95.0021

■ 59.6417, 30.1224,
94.2021

■ 58.8741, 28.7001,
93.5985

■ 58.5788, 28.1955,
93.2346

Harmonies

Analogous

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



72.5632, 68.8039, 122.9735



79.3235, 68.8039, 102.8656



82.3487, 68.8039, 77.9787

Triad

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



79.3235, 68.8039, 102.8656



66.4570, 68.8039, 38.4063



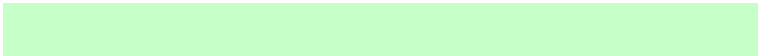
52.2881, 68.8039, 96.5337

Complementary

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



79.3235, 68.8039, 102.8656



69.3595, 87.6503, 67.2981

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.



50.9459, 68.8039, 71.9341



79.3235, 68.8039, 102.8656



58.7171, 68.8039, 41.3620

Square

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



79.3235, 68.8039, 102.8656



74.5398, 68.8039, 43.4294



53.2024, 68.8039, 52.5514



57.0324, 68.8039, 118.8159

Rectangle

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



79.3235, 68.8039, 102.8656



81.6696, 68.8039, 63.0915



53.2024, 68.8039, 52.5514



51.4420, 68.8039, 88.1321

Sweetspot

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



79.3249, 68.8066, 102.8670



89.5673, 89.1151, 106.8242



61.7868, 59.7468, 102.8835



19.0751, 18.8838, 22.8282



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.



79.3249, 68.8066, 102.8670



76.6868, 63.5836, 101.8236



75.1015, 67.1172, 80.6269



18.7781, 18.2946, 22.7148



30.6149, 14.7353, 48.7501



2.9851, 1.4364, 4.7689

Inverse Universe

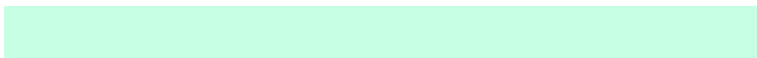
The Inverse Universe completely reimagines the original color for something new.



79.3249, 68.8066, 102.8670



76.6868, 63.5836, 101.8236



72.9779, 89.0976, 86.3523



18.7781, 18.2946, 22.7148



30.6149, 14.7353, 48.7501



2.9851, 1.4364, 4.7689

Previews

White Background



This preview shows how the XYZ color 79.3235, 68.8039, 102.8656 looks on a white background.

Color Contrast Check

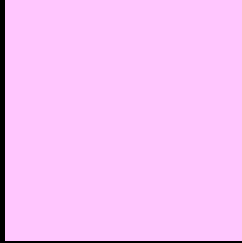
Large Text (above 18pt) WCAG AA × Fail

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 79.3235, 68.8039, 102.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

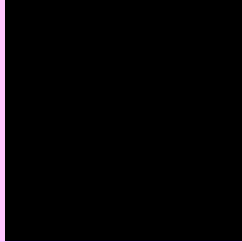
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3235, 68.8039, 102.8656

Background



This preview shows how black text looks on a background with the XYZ color 79.3235, 68.8039, 102.8656.



This preview shows how white text looks on a background with the XYZ color 79.3235, 68.8039,

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

79.3235, 68.8039, 102.8656

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.5256, 68.9257, 100.8537



Tritanopia

73.9355, 68.6770, 77.0693

Trichromacy



Original Color

79.3235, 68.8039, 102.8656



Protanomaly

71.9018, 68.8285, 104.1033



Deuteranomaly

73.2463, 68.4945, 101.4557



Tritanomaly

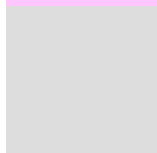
75.8309, 68.7627, 85.6197

Monochromacy



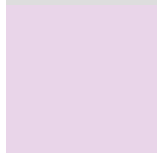
Original Color

79.3235, 68.8039, 102.8656



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

72.1065, 70.7953, 86.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3235, 68.8039, 102.8656 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, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 254)  
}
```

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, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 254) }
```

Border

The CSS property to change the border of an element to XYZ 79.3235, 68.8039, 102.8656 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, 198, 254) }
```


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

```
.border{ border-color:rgb(255, 198, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3235, 68.8039, 102.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 254) }
```

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

```
.background{ background-color: rgb(255,  
198, 254) }
```

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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