

Converting Colors

XYZ(79.1366, 68.6907,
103.6954)

Have a look what the booklet for
XYZ(79.1366, 68.6907, 103.6954)
contains.

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Color

**XYZ(79.1171, 68.6790,
103.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC6FF
RGB	254, 198, 255
RGB Percent	100%, 78%, 100%
CMY	0.0039, 0.2235, 0.0000
CMYK	0.00, 0.22, 0.00, 0.00
HSL	299°, 100%, 89%
HSV	299°, 22%, 100%
XYZ	79.1171, 68.6790, 103.6942
YIQ	221.2420, 15.0790, 29.5990

Conversions

Conversions Part 2

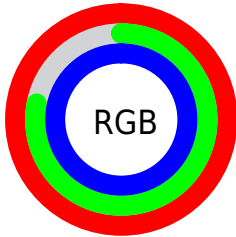
Format	Color
RYB	254, 198, 255
Decimal	16697087
CIELab	86.34, 29.20, -20.31
CIELCh	86, 35.572, 325.174
Yxy	68.6790, 0.3146, 0.2731
Android (android.graphics.Color)	4294887167 (0xFFFE66FF)
YUV	221.2420, 16.6427, 28.7288
Hunter-Lab	82.8728, 25.3832, -16.1754

Details

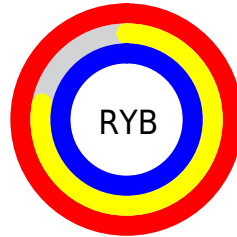
The XYZ color **79.1171, 68.6790, 103.6942** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5080, 87.7402, 66.7016**, and the grayscale version is **68.7782, 72.3601, 78.8001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1923, 35.8941, 58.0778** is the 20% darker color. If you saturate the color by 10%, you get **73.6093, 57.9049, 101.9049**, and if you desaturate by 10%, it is **85.6103, 81.4215, 105.8115**.

Distribution



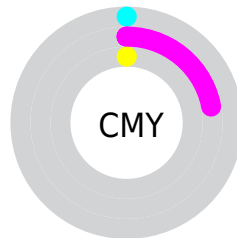
- Red (100%)
- Green (78%)
- Blue (100%)



- 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 79.1171, 68.6790, 103.6942 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 79.1171, 68.6790, 103.6942 by changing the saturation by 10% instead.

 79.1171, 68.6790,
103.6942

 79.1171, 68.6790,
103.6942


480.7344,
455.8980, 593.3203

 59.2981, 50.4503,
78.7553


131.0808,
117.3230, 168.3207

 43.1004, 35.7713,
58.1745

163.9561,
148.5071, 208.8453

 30.1588, 24.2577,
41.5333


201.9142,
184.7784, 255.4022

 20.1078, 15.5249,
28.4132

245.3205,
226.5214, 308.4100

 12.5821, 9.1886,
18.3956

294.5403,
274.1205, 368.2871

 7.2165, 4.8644,
11.0620

349.9390,

 3.6454, 2.1679,

327.9600, 435.4522

5.9939

411.8819,
388.4244, 510.3238

■ 1.5035, 0.7024,
2.7726

■ 0.3282, 0.0000,
0.9797

■ 79.1171, 68.6790,
103.6942

■ 79.1171, 68.6790,
103.6942

■ 73.6093, 57.9049,
101.9049

■ 85.6103, 81.4215,
105.8115

■ 69.0320, 48.9922,
100.4258

■ 93.1288, 96.2150,
108.2707

■ 65.3338, 41.8371,
99.2396

95.0500, 100.0000,
108.9000

■ 62.4561, 36.3223,
98.3269

■ 60.3328, 32.3160,
97.6655

■ 58.8881, 29.6662,
97.2301

■ 58.0300, 28.1890,
96.9902

■ 57.6656, 27.6426,
96.9040

Harmonies

Analogous

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



72.2274, 68.6790, 123.6302



79.1171, 68.6790, 103.6942



82.3106, 68.6790, 78.6493

Triad

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



79.1171, 68.6790, 103.6942



66.6148, 68.6790, 38.1617



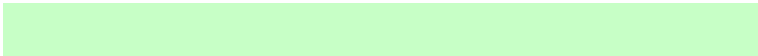
52.0036, 68.6790, 95.7137

Complementary

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



79.1171, 68.6790, 103.6942



69.5080, 87.7402, 66.7016

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.



50.7727, 68.6790, 71.0393



79.1171, 68.6790, 103.6942



58.7880, 68.6790, 40.8638

Square

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



79.1171, 68.6790, 103.6942



74.7170, 68.6790, 43.4599



53.1537, 68.6790, 51.8120



56.6682, 68.6790, 118.3866

Rectangle

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



79.1171, 68.6790, 103.6942



81.7347, 68.6790, 63.5557



53.1537, 68.6790, 51.8120



51.1921, 68.6790, 87.2531

Sweetspot

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



79.1190, 68.6819, 103.6947



89.5027, 89.0760, 107.0838



61.9726, 60.4914, 103.0174



19.0601, 18.8747, 22.8886



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.



79.1190, 68.6819, 103.6947



76.4382, 63.4330, 102.8228



75.4950, 67.2746, 82.6985



18.7594, 18.2832, 22.7902



30.1458, 14.4512, 50.6351



2.9449, 1.4120, 4.9306

Inverse Universe

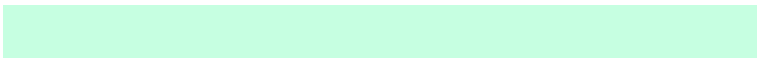
The Inverse Universe completely reimagines the original color for something new.



71.7447, 65.7745, 62.9498



67.8384, 60.0442, 55.2281



72.5867, 88.9411, 84.2922



18.0223, 17.9922, 18.7346



21.5671, 11.1162, 1.1051



2.1042, 1.0841, 0.1304

Previews

White Background



This preview shows how the XYZ color 79.1171, 68.6790, 103.6942 looks on a white background.

Color Contrast Check

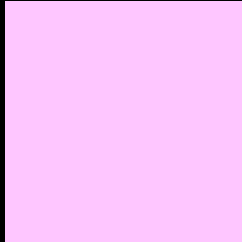
Large Text (above 18pt) WCAG AA × Fail

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 79.1171, 68.6790, 103.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

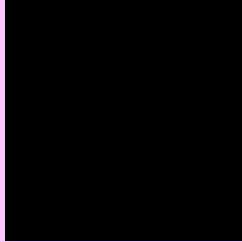
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1171, 68.6790, 103.6942

Background



This preview shows how black text looks on a background with the XYZ color 79.1171, 68.6790, 103.6942.



This preview shows how white text looks on a background with the XYZ color 79.1171, 68.6790,

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

79.1171, 68.6790, 103.6942

Protanopia

68.0826, 69.0863, 104.3544

Deuteranopia

70.3802, 68.8325, 101.6720



Tritanopia

73.5781, 68.4928, 77.0526

Trichromacy



Original Color

79.1171, 68.6790, 103.6942



Protanomaly

71.5909, 68.6682, 104.0888



Deuteranomaly

73.0796, 68.3903, 102.2774



Tritanomaly

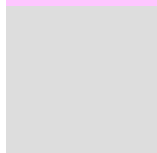
75.6122, 68.6335, 86.3532

Monochromacy



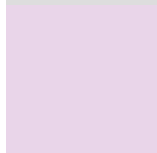
Original Color

79.1171, 68.6790, 103.6942



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 79.1171, 68.6790, 103.6942 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 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, 198, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 79.1171, 68.6790, 103.6942 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, 198, 255) }
```


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

```
.border{ border-color:rgb(254, 198, 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, 198, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 79.1171, 68.6790, 103.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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