

Converting Colors

XYZ(97.9268, 85.5131,
103.3871)

Have a look what the booklet for
XYZ(97.9268, 85.5131, 103.3871)
contains.

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Color

**XYZ(83.8821, 78.4311,
102.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAFC
RGB	255, 218, 252
RGB Percent	100%, 85%, 99%
CMY	0.0000, 0.1451, 0.0118
CMYK	0.00, 0.15, 0.01, 0.00
HSL	305°, 100%, 93%
HSV	305°, 15%, 100%
XYZ	83.8821, 78.4311, 102.8131
YIQ	232.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

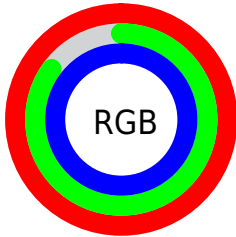
Format	Color
R _Y B	255, 218, 252
Decimal	16767740
CIE _{Lab}	90.98, 18.50, -11.77
CIE _{LCh}	91, 21.924, 327.529
Yxy	78.4311, 0.3164, 0.2958
Android (android.graphics.Color)	4294957820 (0xFFFFDAFC)
YUV	232.9390, 9.3971, 19.3475
Hunter-Lab	88.5613, 14.0864, -6.8383

Details

The XYZ color **83.8821, 78.4311, 102.8131** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7269, 91.6470, 82.0027**, and the grayscale version is **77.3335, 81.3609, 88.6020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2362, 42.1403, 57.3267** is the 20% darker color. If you saturate the color by 10%, you get **77.4459, 66.0798, 99.0614**, and if you desaturate by 10%, it is **91.3425, 92.8245, 106.9260**.

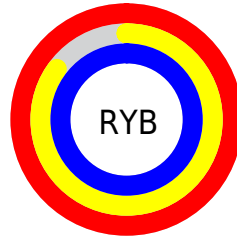
Distribution



Red (100%)

Green (85%)

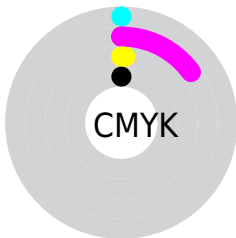
Blue (99%)



Red (100%)

Yellow (85%)

Blue (99%)

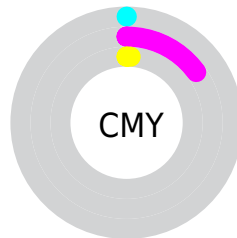


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.8821, 78.4311, 102.8131 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 83.8821, 78.4311, 102.8131 by changing the saturation by 10% instead.


 83.8821, 78.4311,
102.8131

 83.8821, 78.4311,
102.8131


496.4612,
489.6297, 590.4981

 63.2375, 58.4282,
78.0220


137.7324,
131.1577, 167.1032

 46.2927, 42.1530,
57.5755


171.6687,
164.6501, 207.4392

 32.6825, 29.2211,
41.0550


210.7663,
203.4078, 253.7940

 22.0414, 19.2481,
28.0421

255.3906,
247.8152, 306.5861

 14.0041, 11.8497,
18.1181

305.9069,
298.2567, 366.2340

 8.2052, 6.6414,
10.8645

362.6805,

 4.2795, 3.2389,

355.1167, 433.1563

5.8627

426.0768,
418.7795, 507.7715

■ 1.8614, 1.2577,
2.6944

■ 0.5543, 0.1081,
0.9406

■ 83.8821, 78.4311,
102.8131

■ 83.8821, 78.4311,
102.8131

■ 77.4459, 66.0798,
99.0614

■ 91.3425, 92.8245,
106.9260

■ 71.9825, 55.6687,
95.6504

95.0500, 100.0000,
108.9000

■ 67.4436, 47.1009,
92.5650

■ 63.7748, 40.2676,
89.7871

■ 60.9160, 35.0487,
87.2966

■ 58.7994, 31.3088,
85.0708

■ 57.3463, 28.8901,
83.0833

■ 56.4599, 27.5994,
81.3020

■ 56.1388, 27.2195,
80.3861

Harmonies

Analogous

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



79.5700, 78.4311, 115.3499



83.8821, 78.4311, 102.8131



85.6825, 78.4311, 86.7177

Triad

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



83.8821, 78.4311, 102.8131



75.0058, 78.4311, 58.4434



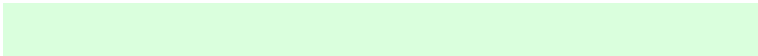
65.5090, 78.4311, 100.2611

Complementary

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



83.8821, 78.4311, 102.8131



77.7269, 91.6470, 82.0027

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.



64.4196, 78.4311, 84.0920



83.8821, 78.4311, 102.8131



69.7389, 78.4311, 61.1395

Square

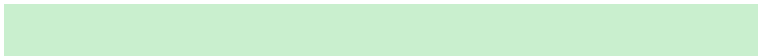
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.8821, 78.4311, 102.8131



80.4021, 78.4311, 62.1962



65.9304, 78.4311, 70.0699



68.9822, 78.4311, 113.7531

Rectangle

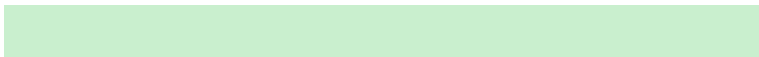
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8821, 78.4311, 102.8131



85.1527, 78.4311, 76.5503



65.9304, 78.4311, 70.0699



64.8596, 78.4311, 94.9027

Sweetspot

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



83.8838, 78.4342, 102.8148



91.7491, 93.6107, 107.1444



72.7812, 72.6553, 104.7956



19.5093, 19.7875, 22.8641



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.



83.8838, 78.4342, 102.8148



82.1854, 75.1679, 101.8463



81.1695, 77.3485, 88.5212



18.7254, 18.2735, 22.4371



29.3603, 14.2334, 42.1435



2.8768, 1.3931, 4.1984

Inverse Universe

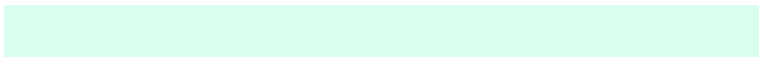
The Inverse Universe completely reimagines the original color for something new.



83.8838, 78.4342, 102.8148



82.1854, 75.1679, 101.8463



80.2506, 92.6565, 95.2923



18.7254, 18.2735, 22.4371



29.3603, 14.2334, 42.1435



2.8768, 1.3931, 4.1984

Previews

White Background



This preview shows how the XYZ color 83.8821, 78.4311, 102.8131 looks on a white background.

Color Contrast Check

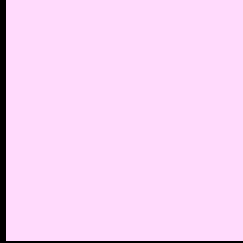
Large Text (above 18pt) WCAG AA × Fail

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 83.8821, 78.4311, 102.8131 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 83.8821, 78.4311, 102.8131

Background



This preview shows how black text looks on a background with the XYZ color 83.8821, 78.4311, 102.8131.



This preview shows how white text looks on a background with the XYZ color 83.8821, 78.4311,

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

83.8821, 78.4311, 102.8131

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.4182, 78.6176, 102.2030



Tritanopia

81.5338, 78.2421, 91.6939

Trichromacy



Original Color

83.8821, 78.4311, 102.8131

Protanomaly

79.1371, 78.2999, 104.7084

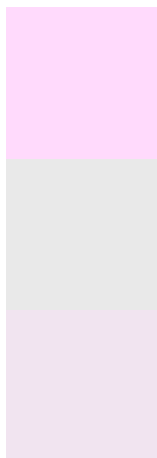
Deuteranomaly

81.6268, 78.4521, 102.1074

Tritanomaly

82.3822, 78.2049, 95.5471

Monochromacy



Original Color

83.8821, 78.4311, 102.8131

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.7472, 80.4788, 93.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8821, 78.4311, 102.8131 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, 218, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 252)  
}
```

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, 218, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 252) }
```

Border

The CSS property to change the border of an element to XYZ 83.8821, 78.4311, 102.8131 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, 218, 252) }
```


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

```
.border{ border-color:rgb(255, 218, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8821, 78.4311, 102.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 252) }
```

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

```
.background{ background-color: rgb(255,  
218, 252) }
```

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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