

Converting Colors

XYZ(83.7240, 78.3678,
101.9806)

Have a look what the booklet for
XYZ(83.7240, 78.3678, 101.9806)
contains.

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Color

**XYZ(83.7240, 78.3678,
101.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAFB
RGB	255, 218, 251
RGB Percent	100%, 85%, 98%
CMY	0.0000, 0.1451, 0.0157
CMYK	0.00, 0.15, 0.02, 0.00
HSL	306°, 100%, 93%
HSV	306°, 15%, 100%
XYZ	83.7240, 78.3678, 101.9806
YIQ	232.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

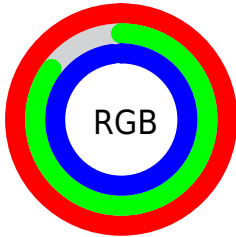
Format	Color
R _Y B	255, 218, 251
Decimal	16767739
CIE Lab	90.95, 18.32, -11.29
CIE LCh	91, 21.518, 328.357
Yxy	78.3678, 0.3170, 0.2968
Android (android.graphics.Color)	4294957819 (0xFFFFDAFB)
YUV	232.8250, 8.9603, 19.4475
Hunter-Lab	88.5256, 13.8985, -6.3336

Details

The XYZ color **83.7240, 78.3678, 101.9806** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8605, 91.7005, 82.7065**, and the grayscale version is **77.2508, 81.2739, 88.5072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1235, 42.0952, 56.7331** is the 20% darker color. If you saturate the color by 10%, you get **77.1822, 65.9743, 97.6729**, and if you desaturate by 10%, it is **91.2927, 92.8045, 106.6640**.

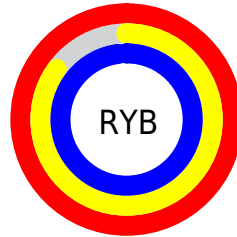
Distribution



Red (100%)

Green (85%)

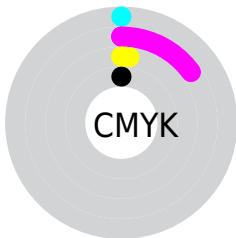
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

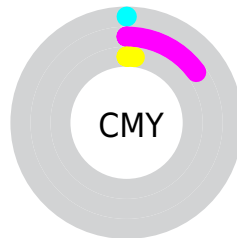


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7240, 78.3678, 101.9806 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 83.7240, 78.3678, 101.9806 by changing the saturation by 10% instead.


 83.7240, 78.3678,
101.9806

 83.7240, 78.3678,
101.9806


495.9438,
489.4150, 587.8250

 63.1065, 58.3762,
77.3296


137.5123,
131.0685, 165.9519

 46.1864, 42.1111,
57.0102

171.4138,
164.5463, 206.1092

 32.5982, 29.1883,
40.6040


210.4741,
203.2883, 252.2724

 21.9765, 19.2233,
27.6925

255.0584,
247.6789, 304.8600

 13.9562, 11.8318,
17.8569

305.5322,
298.1025, 364.2905

 8.1717, 6.6292,
10.6789

362.2608,

 4.2577, 3.2313,

354.9434, 430.9825

5.7399

425.6095,
418.5861, 505.3544

■ 1.8490, 1.2537,
2.6214

■ 0.5469, 0.1049,
0.9035

■ 83.7240, 78.3678,
101.9806

■ 83.7240, 78.3678,
101.9806

■ 77.1822, 65.9743,
97.6729

■ 91.2927, 92.8045,
106.6640

■ 71.6160, 55.5220,
93.7204

95.0500, 100.0000,
108.9000

■ 66.9770, 46.9142,
90.1080

■ 63.2108, 40.0420,
86.8172

■ 60.2573, 34.7853,
83.8281

■ 58.0487, 31.0085,
81.1178

■ 56.5063, 28.5541,
78.6600

■ 55.5333, 27.2287,
76.4223

■ 55.1657, 26.8303,
75.2617

Harmonies

Analogous

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



79.5512, 78.3678, 114.4101



83.7240, 78.3678, 101.9806



85.4069, 78.3678, 86.1886

Triad

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



83.7240, 78.3678, 101.9806



74.7857, 78.3678, 58.8160



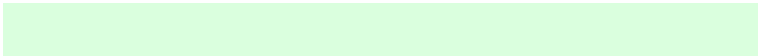
65.6789, 78.3678, 100.3190

Complementary

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



83.7240, 78.3678, 101.9806



77.8605, 91.7005, 82.7065

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.



64.5386, 78.3678, 84.4756



83.7240, 78.3678, 101.9806



69.6410, 78.3678, 61.6478

Square

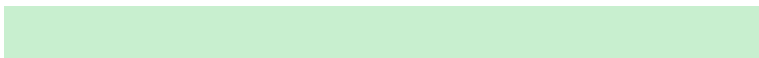
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



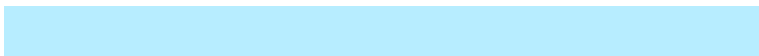
83.7240, 78.3678, 101.9806



80.0937, 78.3678, 62.3400



65.9543, 78.3678, 70.5968



69.1468, 78.3678, 113.3717

Rectangle

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



83.7240, 78.3678, 101.9806



84.8314, 78.3678, 76.2625



65.9543, 78.3678, 70.5968



65.0183, 78.3678, 95.0875

Sweetspot

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



83.7257, 78.3709, 101.9823



91.7049, 93.5931, 106.9118



73.1568, 72.8488, 104.8132



19.4981, 19.7830, 22.8050



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.



83.7257, 78.3709, 101.9823



82.0008, 75.0940, 100.8739



80.9928, 77.2777, 87.5910



18.7031, 18.2645, 22.3196



28.8594, 14.0330, 39.5054



2.8331, 1.3756, 3.9687

Inverse Universe

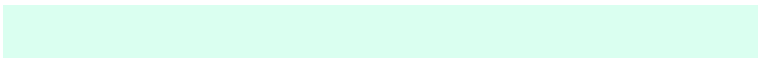
The Inverse Universe completely reimagines the original color for something new.



83.7257, 78.3709, 101.9823



82.0008, 75.0940, 100.8739



80.4334, 92.7296, 96.2550



18.7031, 18.2645, 22.3196



28.8594, 14.0330, 39.5054



2.8331, 1.3756, 3.9687

Previews

White Background



This preview shows how the XYZ color 83.7240, 78.3678, 101.9806 looks on a white background.

Color Contrast Check

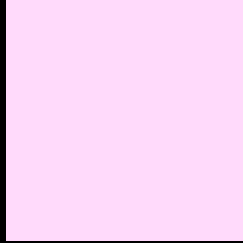
Large Text (above 18pt) WCAG AA × Fail

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 83.7240, 78.3678, 101.9806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

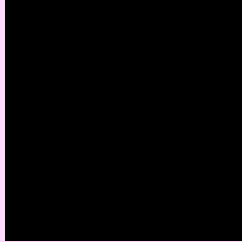
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7240, 78.3678, 101.9806

Background



This preview shows how black text looks on a background with the XYZ color 83.7240, 78.3678, 101.9806.



This preview shows how white text looks on a background with the XYZ color 83.7240, 78.3678,

101.9806.

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

83.7240, 78.3678, 101.9806

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.2609, 78.5547, 101.3749



Tritanopia

81.5338, 78.2421, 91.6939

Trichromacy



Original Color

83.7240, 78.3678, 101.9806

Protanomaly

79.1371, 78.2999, 104.7084

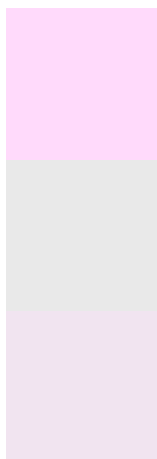
Deuteranomaly

81.4695, 78.3892, 101.2792

Tritanomaly

82.3822, 78.2049, 95.5471

Monochromacy



Original Color

83.7240, 78.3678, 101.9806

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 83.7240, 78.3678, 101.9806 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.7240, 78.3678, 101.9806 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, 251) }
```


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

```
.border{ border-color:rgb(255, 218, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7240, 78.3678, 101.9806 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
218, 251) }
```

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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