

Converting Colors

XYZ(83.4875, 78.0976,
101.2767)

Have a look what the booklet for
XYZ(83.4875, 78.0976, 101.2767)
contains.

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Color

**XYZ(83.5667, 78.3049,
101.1524)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAFA
RGB	255, 218, 250
RGB Percent	100%, 85%, 98%
CMY	0.0000, 0.1451, 0.0196
CMYK	0.00, 0.15, 0.02, 0.00
HSL	308°, 100%, 93%
HSV	308°, 15%, 100%
XYZ	83.5667, 78.3049, 101.1524
YIQ	232.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

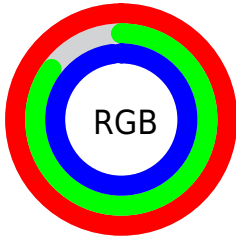
Format	Color
R_{YB}	255, 218, 250
Decimal	16767738
CIE _{Lab}	90.92, 18.14, -10.81
CIE _{LCh}	91, 21.117, 329.218
Yxy	78.3049, 0.3177, 0.2977
Android (android.graphics.Color)	4294957818 (0xFFFFDAFA)
YUV	232.7110, 8.5235, 19.5475
Hunter-Lab	88.4901, 13.7111, -5.8310

Details

The XYZ color **83.5667, 78.3049, 101.1524** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9950, 91.7543, 83.4147**, and the grayscale version is **77.1682, 81.1870, 88.4126**.

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 **76.9209, 65.8698, 96.2968**, and if you desaturate by 10%, it is **91.2431, 92.7847, 106.4024**.

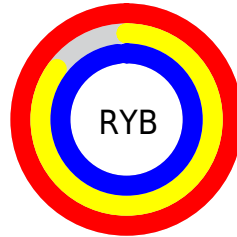
Distribution



Red (100%)

Green (85%)

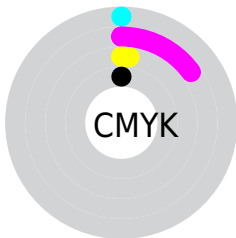
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

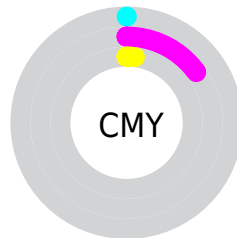


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5667, 78.3049, 101.1524 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 83.5667, 78.3049, 101.1524 by changing the saturation by 10% instead.


 83.5667, 78.3049,
101.1524

 83.5667, 78.3049,
101.1524


495.4287,
489.2017, 585.1593

 62.9763, 58.3245,
76.6411


137.2933,
130.9798, 164.8056

 46.0806, 42.0696,
56.4485


171.1602,
164.4432, 204.7846

 32.5143, 29.1558,
40.1562


210.1832,
203.1696, 250.7565

 21.9121, 19.1987,
27.3457

254.7278,
247.5434, 303.1399

 13.9086, 11.8139,
17.5983

305.1593,
297.9492, 362.3533

 8.1384, 6.6171,
10.4955

361.8430,

 4.2362, 3.2238,

354.7712, 428.8154

5.6188

425.1443,
418.3939, 502.9445

■ 1.8366, 1.2497,
2.5497

■ 0.5396, 0.1017,
0.8663

■ 83.5667, 78.3049,
101.1524

■ 83.5667, 78.3049,
101.1524

■ 76.9209, 65.8698,
96.2968

■ 91.2431, 92.7847,
106.4024

■ 71.2541, 55.3773,
91.8148

95.0500, 100.0000,
108.9000

■ 66.5180, 46.7306,
87.6913

■ 62.6583, 39.8210,
83.9078

■ 59.6147, 34.5282,
80.4441

■ 57.3194, 30.7168,
77.2772

■ 55.6936, 28.2290,
74.3806

■ 54.6406, 26.8716,
71.7218

■ 54.2306, 26.4562,
70.3374

Harmonies

Analogous

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



79.5331, 78.3049, 113.4756



83.5667, 78.3049, 101.1524



85.1324, 78.3049, 85.6612

Triad

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



83.5667, 78.3049, 101.1524



74.5662, 78.3049, 59.1904



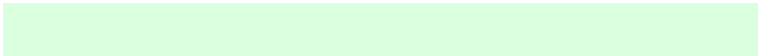
65.8495, 78.3049, 100.3782

Complementary

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



83.5667, 78.3049, 101.1524



77.9950, 91.7543, 83.4147

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.



64.6579, 78.3049, 84.8615



83.5667, 78.3049, 101.1524



69.5432, 78.3049, 62.1594

Square

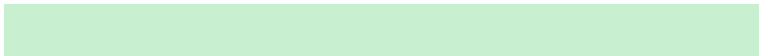
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5667, 78.3049, 101.1524



79.7862, 78.3049, 62.4839



65.9783, 78.3049, 71.1273



69.3123, 78.3049, 112.9924

Rectangle

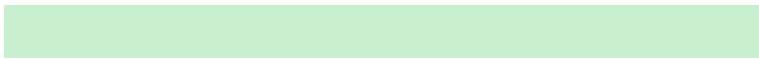
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5667, 78.3049, 101.1524



84.5114, 78.3049, 75.9750



65.9783, 78.3049, 71.1273



65.1776, 78.3049, 95.2738

Sweetspot

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



83.5684, 78.3080, 101.1541



91.6608, 93.5754, 106.6795



73.5353, 73.0440, 104.8309



19.4869, 19.7786, 22.7460



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.



83.5684, 78.3080, 101.1541



81.8172, 75.0206, 99.9074



80.8174, 77.2076, 86.6673



18.6809, 18.2557, 22.2025



28.3776, 13.8403, 36.9684



2.7910, 1.3588, 3.7467

Inverse Universe

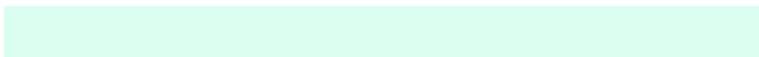
The Inverse Universe completely reimagines the original color for something new.



83.5684, 78.3080, 101.1541



81.8172, 75.0206, 99.9074



80.6175, 92.8032, 97.2243



18.6809, 18.2557, 22.2025



28.3776, 13.8403, 36.9684



2.7910, 1.3588, 3.7467

Previews

White Background



This preview shows how the XYZ color 83.5667, 78.3049, 101.1524 looks on a white background.

Color Contrast Check

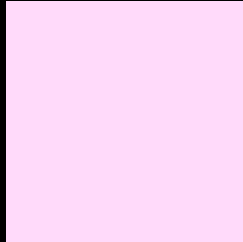
Large Text (above 18pt) WCAG AA × Fail

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 83.5667, 78.3049, 101.1524 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 83.5667, 78.3049, 101.1524

Background



This preview shows how black text looks on a background with the XYZ color 83.5667, 78.3049, 101.1524.



This preview shows how white text looks on a background with the XYZ color 83.5667, 78.3049,

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

83.5667, 78.3049, 101.1524

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.1045, 78.4922, 100.5511



Tritanopia

81.3873, 78.1835, 90.9221

Trichromacy



Original Color

83.5667, 78.3049, 101.1524

Protanomaly

78.9773, 78.2360, 103.8670

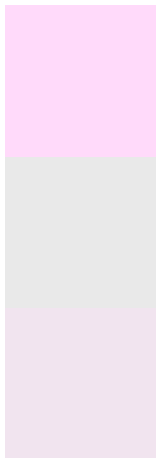
Deuteranomaly

81.3131, 78.3266, 100.4554

Tritanomaly

82.2316, 78.1447, 94.7538

Monochromacy



Original Color

83.5667, 78.3049, 101.1524

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.5990, 80.4196, 92.9886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5667, 78.3049, 101.1524 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 250) }
```

Border

The CSS property to change the border of an element to XYZ 83.5667, 78.3049, 101.1524 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, 250) }
```


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

```
.border{ border-color:rgb(255, 218, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5667, 78.3049, 101.1524 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
218, 250) }
```

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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