

Converting Colors

XYZ(83.8135, 77.8870,
104.0451)

Have a look what the booklet for
XYZ(83.8135, 77.8870, 104.0451)
contains.

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Color

**XYZ(83.9422, 78.0415,
104.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9FE
RGB	255, 217, 254
RGB Percent	100%, 85%, 100%
CMY	0.0000, 0.1490, 0.0039
CMYK	0.00, 0.15, 0.00, 0.00
HSL	302°, 100%, 93%
HSV	302°, 15%, 100%
XYZ	83.9422, 78.0415, 104.4052
YIQ	232.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 217, 254
Decimal	16767486
CIE _{Lab}	90.80, 19.38, -13.08
CIE _{LCh}	91, 23.380, 325.970
Yxy	78.0415, 0.3151, 0.2930
Android (android.graphics.Color)	4294957566 (0xFFFFD9FE)
YUV	232.5800, 10.5601, 19.6623
Hunter-Lab	88.3411, 15.0148, -8.2326

Details

The XYZ color **83.9422, 78.0415, 104.4052** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.0325, 91.3348, 79.9022**, and the grayscale version is **77.0557, 81.0686, 88.2837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2871, 41.8776, 58.4669** is the 20% darker color. If you saturate the color by 10%, you get **77.7638, 65.8556, 101.8181**, and if you desaturate by 10%, it is **91.1401, 92.2647, 107.3361**.

Distribution



- Red (100%)
- Green (85%)
- Blue (100%)



- Red (100%)
- Yellow (85%)
- Blue (100%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9422, 78.0415, 104.4052 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 83.9422, 78.0415, 104.4052 by changing the saturation by 10% instead.


 83.9422, 78.0415,
104.4052

 83.9422, 78.0415,
104.4052


496.6578,
488.3078, 595.5926

 63.2873, 58.1081,
79.3473


137.8160,
130.6086, 169.3024

 46.3332, 41.8955,
58.6584


171.7656,
164.0111, 209.9787

 32.7145, 29.0195,
41.9200


210.8774,
202.6721, 256.6982

 22.0660, 19.0956,
28.7135

255.5168,
246.9759, 309.8794

 14.0223, 11.7394,
18.6205

306.0492,
297.3070, 369.9409

 8.2180, 6.5665,
11.2224

362.8400,

 4.2877, 3.1925,

354.0497, 437.3013

6.1005

426.2544,
417.5885, 512.3790

■ 1.8662, 1.2330,
2.8365

■ 0.5571, 0.0884,
1.0118

■ 83.9422, 78.0415,
104.4052

■ 83.9422, 78.0415,
104.4052

■ 77.7638, 65.8556,
101.8181

■ 91.1401, 92.2647,
107.3361

■ 72.5529, 55.6048,
99.5543

95.0500, 100.0000,
108.9000

■ 68.2614, 47.1921,
97.5989

■ 64.8346, 40.5081,
95.9335

■ 62.2121, 35.4322,
94.5380

■ 60.3259, 31.8283,
93.3899

■ 59.0966, 29.5377,
92.4625

■ 58.4267, 28.3651,
91.7235

■ 58.2295, 28.0558,
91.3954

Harmonies

Analogous

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



79.2361, 78.0415, 117.5211



83.9422, 78.0415, 104.4052



86.0308, 78.0415, 87.2690

Triad

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



83.9422, 78.0415, 104.4052



74.9732, 78.0415, 56.6032



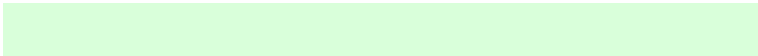
64.4724, 78.0415, 99.9504

Complementary

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



83.9422, 78.0415, 104.4052



77.0325, 91.3348, 79.9022

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.



63.4638, 78.0415, 82.7195



83.9422, 78.0415, 104.4052



69.3363, 78.0415, 59.0700

Square

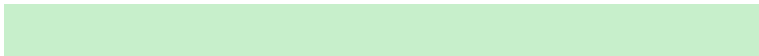
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9422, 78.0415, 104.4052



80.6824, 78.0415, 60.8731



65.1985, 78.0415, 68.1168



68.0294, 78.0415, 114.7200

Rectangle

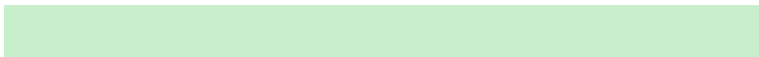
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9422, 78.0415, 104.4052



85.5809, 78.0415, 76.3759



65.1985, 78.0415, 68.1168



63.8324, 78.0415, 94.1941

Sweetspot

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



83.9440, 78.0446, 104.4069



91.8388, 93.6466, 107.6168



71.6700, 71.6986, 104.6695



19.5321, 19.7967, 22.9841



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.



83.9440, 78.0446, 104.4069



81.9213, 74.0526, 103.5685



81.1033, 76.9083, 89.4478



18.7708, 18.2916, 22.6764



30.4355, 14.6635, 47.8050



2.9697, 1.4302, 4.6877

Inverse Universe

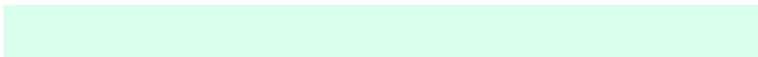
The Inverse Universe completely reimagines the original color for something new.



83.9440, 78.0446, 104.4069



81.9213, 74.0526, 103.5685



79.6100, 92.3658, 93.4749



18.7708, 18.2916, 22.6764



30.4355, 14.6635, 47.8050



2.9697, 1.4302, 4.6877

Previews

White Background



This preview shows how the XYZ color 83.9422, 78.0415, 104.4052 looks on a white background.

Color Contrast Check

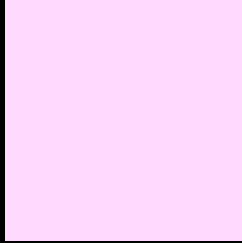
Large Text (above 18pt) WCAG AA × Fail

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 83.9422, 78.0415, 104.4052 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 83.9422, 78.0415, 104.4052

Background



This preview shows how black text looks on a background with the XYZ color 83.9422, 78.0415, 104.4052.



This preview shows how white text looks on a background with the XYZ color 83.9422, 78.0415,

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

83.9422, 78.0415, 104.4052

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

80.0525, 78.3925, 103.8405



Tritanopia

81.3873, 78.1835, 90.9221

Trichromacy



Original Color

83.9422, 78.0415, 104.4052

Protanomaly

78.6986, 77.6575, 105.4493

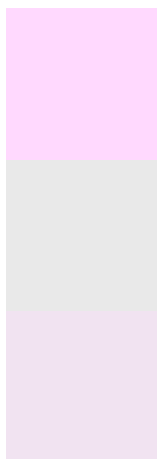
Deuteranomaly

81.2423, 78.2172, 103.7440

Tritanomaly

82.3822, 78.2049, 95.5471

Monochromacy



Original Color

83.9422, 78.0415, 104.4052

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.6219, 79.9898, 94.4621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9422, 78.0415, 104.4052 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, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 254) }
```

Border

The CSS property to change the border of an element to XYZ 83.9422, 78.0415, 104.4052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

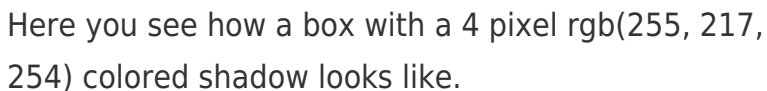
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 254) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 254); box-shadow:4px 4px 4px 4px rgb(255, 217, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9422, 78.0415, 104.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 254) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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