

Converting Colors

XYZ(83.1034, 77.2961,
101.2514)

Have a look what the booklet for
XYZ(83.1034, 77.2961, 101.2514)
contains.

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Color

**XYZ(83.0512, 77.2739,
100.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8FA
RGB	255, 216, 250
RGB Percent	100%, 85%, 98%
CMY	0.0000, 0.1529, 0.0196
CMYK	0.00, 0.15, 0.02, 0.00
HSL	308°, 100%, 92%
HSV	308°, 15%, 100%
XYZ	83.0512, 77.2739, 100.9806
YIQ	231.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

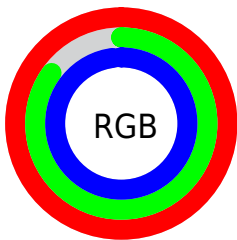
Format	Color
RYB	255, 216, 250
Decimal	16767226
CIELab	90.45, 19.19, -11.51
CIElCh	90, 22.374, 329.042
Yxy	77.2739, 0.3178, 0.2957
Android (android.graphics.Color)	4294957306 (0xFFFFD8FA)
YUV	231.5370, 9.1023, 20.5771
Hunter-Lab	87.9056, 14.8080, -6.5749

Details

The XYZ color **83.0512, 77.2739, 100.9806** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.1324, 91.3405, 81.9749**, and the grayscale version is **76.2852, 80.2580, 87.4009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7712, 41.3905, 56.6157** is the 20% darker color. If you saturate the color by 10%, you get **76.5105, 65.0054, 96.2943**, and if you desaturate by 10%, it is **90.6180, 91.5796, 106.0549**.

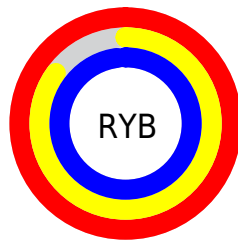
Distribution



Red (100%)

Green (85%)

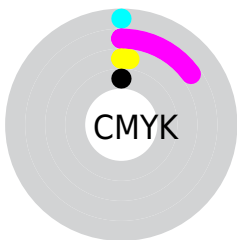
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

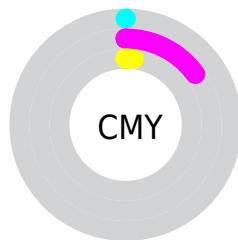


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0512, 77.2739, 100.9806 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 83.0512, 77.2739, 100.9806 by changing the saturation by 10% instead.


 83.0512, 77.2739,
100.9806

 83.0512, 77.2739,
100.9806


493.7385,
485.6974, 584.6055

 62.5494, 57.4777,
76.4983


136.5753,
129.5260, 164.5677

 45.7341, 41.3889,
56.3321


170.3284,
162.7508, 204.5096

 32.2398, 28.6231,
40.0635


209.2293,
201.2205, 250.4417

 21.7011, 18.7959,
27.2739

253.6434,
245.3196, 302.7827

 13.7528, 11.5229,
17.5448

303.9360,
295.4324, 361.9510

 8.0295, 6.4197,
10.4576

360.4724,

 4.1658, 3.1019,

351.9434, 428.3653

5.5938

423.6182,
415.2369, 502.4439

■ 1.7964, 1.1852,
2.5350

■ 0.5155, 0.0495,
0.8586

■ 83.0512, 77.2739,
100.9806

■ 83.0512, 77.2739,
100.9806

■ 76.5105, 65.0054,
96.2943

■ 90.6180, 91.5796,
106.0549

■ 70.9440, 54.6715,
91.9752

95.0500, 100.0000,
108.9000

■ 66.3032, 46.1750,
88.0082

■ 62.5333, 39.4061,
84.3745

■ 59.5735, 34.2436,
81.0539

■ 57.3554, 30.5507,
78.0233

■ 55.7991, 28.1675,
75.2557

■ 54.8059, 26.8968,
72.7182

■ 54.4667, 26.5507,
71.5808

Harmonies

Analogous

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



78.7870, 77.2739, 114.0098



83.0512, 77.2739, 100.9806



84.7219, 77.2739, 84.6535

Triad

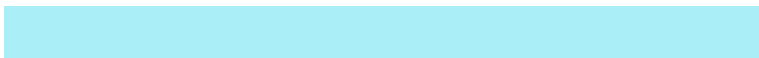
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0512, 77.2739, 100.9806



73.6262, 77.2739, 56.9687



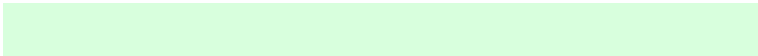
64.4477, 77.2739, 99.9780

Complementary

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



83.0512, 77.2739, 100.9806



77.1324, 91.3405, 81.9749

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.



63.2187, 77.2739, 83.6249



83.0512, 77.2739, 100.9806



68.3530, 77.2739, 60.0011

Square

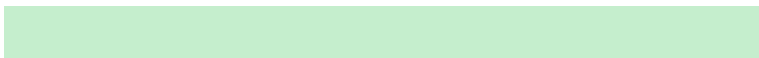
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0512, 77.2739, 100.9806



79.1134, 77.2739, 60.4125



64.6125, 77.2739, 69.2810



68.0570, 77.2739, 113.3812

Rectangle

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



83.0512, 77.2739, 100.9806



84.0785, 77.2739, 74.4924



64.6125, 77.2739, 69.2810



63.7509, 77.2739, 94.5826

Sweetspot

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



83.0529, 77.2770, 100.9822



90.8545, 92.0284, 106.2089



72.2909, 71.6372, 104.6250



19.3250, 19.4672, 22.6538



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.



83.0529, 77.2770, 100.9822



81.1820, 73.7568, 99.6753



80.2146, 76.1417, 86.0360



18.6865, 18.2579, 22.2325



28.4993, 13.8890, 37.6092



2.8017, 1.3630, 3.8029

Inverse Universe

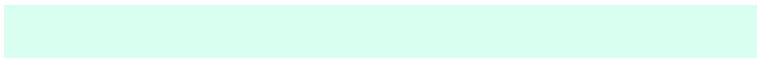
The Inverse Universe completely reimagines the original color for something new.



83.0529, 77.2770, 100.9822



81.1820, 73.7568, 99.6753



79.8166, 92.4142, 96.1097



18.6865, 18.2579, 22.2325



28.4993, 13.8890, 37.6092



2.8017, 1.3630, 3.8029

Previews

White Background



This preview shows how the XYZ color 83.0512, 77.2739, 100.9806 looks on a white background.

Color Contrast Check

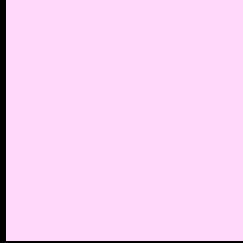
Large Text (above 18pt) WCAG AA × Fail

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 83.0512, 77.2739, 100.9806 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 83.0512, 77.2739, 100.9806

Background



This preview shows how black text looks on a background with the XYZ color 83.0512, 77.2739, 100.9806.



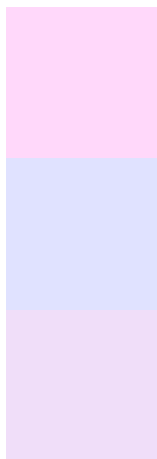
This preview shows how white text looks on a background with the XYZ color 83.0512, 77.2739,

100.9806.

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

83.0512, 77.2739, 100.9806

Protanopia

75.9868, 77.4600, 105.5541

Deuteranopia

79.1553, 77.6074, 100.4303



Tritanopia

80.7197, 77.0816, 89.9807

Trichromacy



Original Color

83.0512, 77.2739, 100.9806

Protanomaly

78.1118, 76.9966, 103.6734

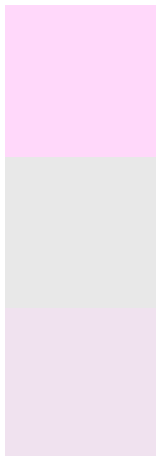
Deuteranomaly

80.3483, 77.4384, 100.3348

Tritanomaly

81.5631, 77.0474, 93.7919

Monochromacy



Original Color

83.0512, 77.2739, 100.9806

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.7115, 79.1500, 92.7903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0512, 77.2739, 100.9806 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, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 250) }
```

Border

The CSS property to change the border of an element to XYZ 83.0512, 77.2739, 100.9806 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, 216, 250) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0512, 77.2739, 100.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 250) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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