

Converting Colors

XYZ(83.0197, 77.0745,
103.2231)

Have a look what the booklet for
XYZ(83.0197, 77.0745, 103.2231)
contains.

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Color

**XYZ(83.1585, 77.2744,
103.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	FED8FD
RGB	254, 216, 253
RGB Percent	100%, 85%, 99%
CMY	0.0039, 0.1529, 0.0078
CMYK	0.00, 0.15, 0.00, 0.00
HSL	302°, 95%, 92%
HSV	302°, 15%, 100%
XYZ	83.1585, 77.2744, 103.4610
YIQ	231.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

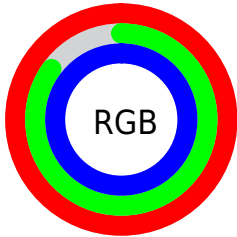
Format	Color
R_{YB}	254, 216, 253
Decimal	16701693
CIE _{Lab}	90.45, 19.39, -13.09
CIE _{LCh}	90, 23.398, 325.973
Yxy	77.2744, 0.3151, 0.2928
Android (android.graphics.Color)	4294891773 (0xFFFE _{D8} FD)
YUV	231.5800, 10.5601, 19.6623
Hunter-Lab	87.9059, 15.0248, -8.2474

Details

The XYZ color **83.1585, 77.2744, 103.4610** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2881, 90.4945, 79.0961**, and the grayscale version is **76.3079, 80.2818, 87.4269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7346, 41.3456, 57.7946** is the 20% darker color. If you saturate the color by 10%, you get **77.0420, 65.2103, 100.8984**, and if you desaturate by 10%, it is **90.2858, 91.3569, 106.3642**.

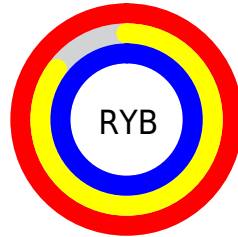
Distribution



Red (100%)

Green (85%)

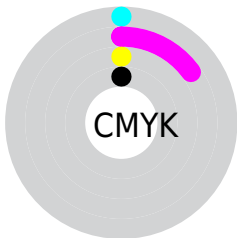
Blue (99%)



Red (100%)

Yellow (85%)

Blue (99%)

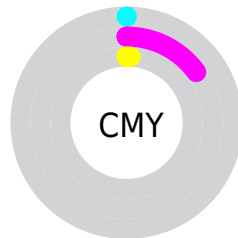


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1585, 77.2744, 103.4610 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 83.1585, 77.2744, 103.4610 by changing the saturation by 10% instead.


 83.1585, 77.2744,
103.4610

 83.1585, 77.2744,
103.4610


494.0906,
485.6991, 592.5741

 62.6383, 57.4781,
78.5612


136.7248,
129.5268, 167.9985

 45.8062, 41.3892,
58.0159


170.5016,
162.7516, 208.4733

 32.2969, 28.6233,
41.4066


209.4279,
201.2214, 254.9768

 21.7450, 18.7961,
28.3149

253.8692,
245.3206, 307.9276

 13.7852, 11.5230,
18.3220

304.1907,
295.4336, 367.7441

 8.0521, 6.4198,
11.0096

360.7579,

 4.1804, 3.1020,

351.9448, 434.8450

5.9591

423.9361,
415.2384, 509.6488

■ 1.8047, 1.1852,
2.7518

■ 0.5205, 0.0496,
0.9693

■ 83.1585, 77.2744,
103.4610

■ 83.1585, 77.2744,
103.4610

■ 77.0420, 65.2103,
100.8984

■ 90.2858, 91.3569,
106.3642

■ 71.8833, 55.0626,
98.6561

94.5773, 99.7686,
108.3230

■ 67.6351, 46.7352,
96.7190

94.6836, 99.8111,
108.8829

■ 64.2434, 40.1200,
95.0693

■ 61.6482, 35.0974,
93.6869

■ 59.7820, 31.5324,
92.5494

■ 58.5664, 29.2677,
91.6306

■ 57.9044, 28.1097,
90.8981

■ 57.7108, 27.8060,
90.5763

Harmonies

Analogous

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



78.4787, 77.2744, 116.5106



83.1585, 77.2744, 103.4610



85.2354, 77.2744, 86.4186

Triad

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



83.1585, 77.2744, 103.4610



74.2388, 77.2744, 55.9475



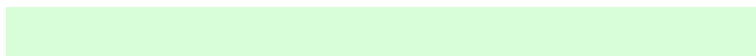
63.8016, 77.2744, 99.0335

Complementary

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



83.1585, 77.2744, 103.4610



76.2881, 90.4945, 79.0961

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.



62.7990, 77.2744, 81.8992



83.1585, 77.2744, 103.4610



68.6351, 77.2744, 58.3980

Square

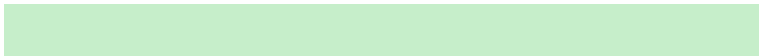
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1585, 77.2744, 103.4610



79.9157, 77.2744, 60.1874



64.5226, 77.2744, 67.3856



67.3371, 77.2744, 113.7258

Rectangle

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



83.1585, 77.2744, 103.4610



84.7877, 77.2744, 75.5901



64.5226, 77.2744, 67.3856



63.1655, 77.2744, 93.3086

Sweetspot

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



83.1608, 77.2778, 103.4627



91.8387, 93.6466, 107.6165



70.9551, 70.9670, 103.7255



19.5321, 19.7966, 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.



83.1608, 77.2778, 103.4627



81.9211, 74.0524, 103.5670



80.3355, 76.1476, 88.5850



18.7708, 18.2916, 22.6762



30.4346, 14.6632, 47.8008



2.9696, 1.4302, 4.6873

Inverse Universe

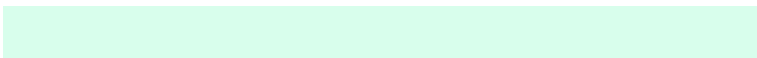
The Inverse Universe completely reimagines the original color for something new.



83.1608, 77.2778, 103.4627



81.9211, 74.0524, 103.5670



78.8505, 91.5195, 92.5897



18.7708, 18.2916, 22.6762



30.4346, 14.6632, 47.8008



2.9696, 1.4302, 4.6873

Previews

White Background



This preview shows how the XYZ color 83.1585, 77.2744, 103.4610 looks on a white background.

Color Contrast Check

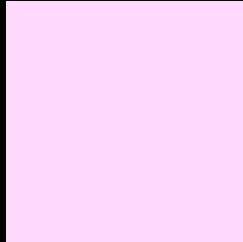
Large Text (above 18pt) WCAG AA × Fail

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 83.1585, 77.2744, 103.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

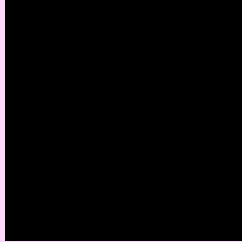
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1585, 77.2744, 103.4610

Background



This preview shows how black text looks on a background with the XYZ color 83.1585, 77.2744, 103.4610.



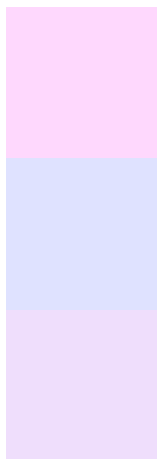
This preview shows how white text looks on a background with the XYZ color 83.1585, 77.2744,

103.4610.

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

83.1585, 77.2744, 103.4610

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

79.2886, 77.6215, 102.8990



Tritanopia

80.6167, 77.4146, 90.0504

Trichromacy



Original Color

83.1585, 77.2744, 103.4610

Protanomaly

77.9424, 76.8907, 104.4993

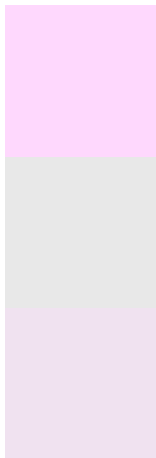
Deuteranomaly

80.4721, 77.4478, 102.8030

Tritanomaly

81.6064, 77.4363, 94.6500

Monochromacy



Original Color

83.1585, 77.2744, 103.4610

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.8597, 79.2092, 93.5706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1585, 77.2744, 103.4610 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(254, 216, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 253)  
}
```

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(254, 216, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 253) }
```

Border

The CSS property to change the border of an element to XYZ 83.1585, 77.2744, 103.4610 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(254, 216, 253) }
```


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

```
.border{ border-color:rgb(254, 216, 253) }
```

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

Here you see how a box with a 4 pixel rgb(254, 216, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1585, 77.2744, 103.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 253) }
```

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

```
.background{ background-color: rgb(254,  
216, 253) }
```

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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