

Converting Colors

XYZ(83.8902, 78.3295,
105.3053)

Have a look what the booklet for
XYZ(83.8902, 78.3295, 105.3053)
contains.

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Color

**XYZ(83.9945, 78.4336,
105.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDAFF
RGB	254, 218, 255
RGB Percent	100%, 85%, 100%
CMY	0.0039, 0.1451, 0.0000
CMYK	0.00, 0.15, 0.00, 0.00
HSL	298°, 100%, 93%
HSV	298°, 15%, 100%
XYZ	83.9945, 78.4336, 105.3200
YIQ	232.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 218, 255
Decimal	16702207
CIE _{Lab}	90.98, 18.71, -13.35
CIE _{LCh}	91, 22.981, 324.484
Yxy	78.4336, 0.3137, 0.2929
Android (android.graphics.Color)	4294892287 (0xFFFE _{DAFF})
YUV	232.9820, 10.8549, 18.4328
Hunter-Lab	88.5627, 14.3078, -8.5145

Details

The XYZ color **83.9945, 78.4336, 105.3200** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.6302, 91.6429, 79.9308**, and the grayscale version is **77.3563, 81.3848, 88.6281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3162, 42.1419, 59.1192** is the 20% darker color. If you saturate the color by 10%, you get **77.6332, 66.0833, 103.2714**, and if you desaturate by 10%, it is **91.3781, 92.8255, 107.7087**.

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 83.9945, 78.4336, 105.3200 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 83.9945, 78.4336, 105.3200 by changing the saturation by 10% instead.


 83.9945, 78.4336,
105.3200

 83.9945, 78.4336,
105.3200


496.8289,
489.6381, 598.5095

 63.3306, 58.4302,
80.1093


137.8888,
131.1612, 170.5645

 46.3684, 42.1546,
59.2816


171.8499,
164.6542, 211.4353

 32.7424, 29.2224,
42.4184


210.9740,
203.4125, 258.3634

 22.0875, 19.2491,
29.1010

255.6267,
247.8206, 311.7670

 14.0382, 11.8504,
18.9110

306.1731,
298.2628, 372.0650

 8.2291, 6.6419,
11.4298

362.9787,

 4.2949, 3.2392,

355.1235, 439.6757

6.2389

426.4089,
418.7872, 515.0176

■ 1.8703, 1.2578,
2.9198

■ 0.5595, 0.1082,
1.0538

■ 83.9945, 78.4336,
105.3200

■ 83.9945, 78.4336,
105.3200

■ 77.6332, 66.0833,
103.2714

■ 91.3781, 92.8255,
107.7087

■ 72.2417, 55.6720,
101.5460

95.0500, 100.0000,
108.9000

■ 67.7720, 47.1031,
100.1276

■ 64.1698, 40.2678,
98.9981

■ 61.3750, 35.0459,
98.1375

■ 59.3198, 31.3020,
97.5231

■ 57.9255, 28.8784,
97.1288

■ 57.0953, 27.5818,
96.9223

■ 56.8040, 27.1984,
96.8637

Harmonies

Analogous

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



79.2644, 78.4336, 117.8714



83.9945, 78.4336, 105.3200



86.2031, 78.4336, 88.5060

Triad

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



83.9945, 78.4336, 105.3200



75.6253, 78.4336, 57.4041



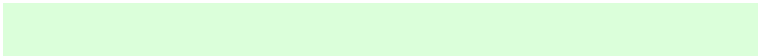
64.8579, 78.4336, 99.3259

Complementary

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



83.9945, 78.4336, 105.3200



77.6302, 91.6429, 79.9308

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.



63.9953, 78.4336, 82.3692



83.9945, 78.4336, 105.3200



70.0240, 78.4336, 59.5189

Square

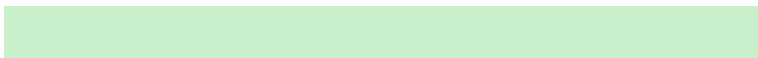
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9945, 78.4336, 105.3200



81.2133, 78.4336, 61.9635



65.8392, 78.4336, 68.1663



68.2593, 78.4336, 114.1086

Rectangle

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



83.9945, 78.4336, 105.3200



85.8700, 78.4336, 77.6627



65.8392, 78.4336, 68.1663



64.2691, 78.4336, 93.6366

Sweetspot

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



83.9966, 78.4369, 105.3205



91.7808, 93.6117, 107.8392



72.3590, 72.9140, 104.8678



19.5173, 19.7878, 23.0407



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.



83.9966, 78.4369, 105.3205



82.3171, 75.1710, 104.7786



81.7067, 77.5633, 91.3505



18.7414, 18.2739, 22.7894



29.7031, 14.2230, 50.6144



2.9068, 1.3924, 4.9288

Inverse Universe

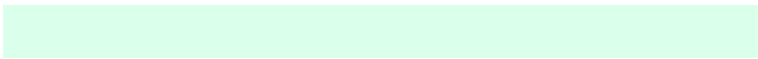
The Inverse Universe completely reimagines the original color for something new.



79.0995, 76.5204, 77.6213



76.6834, 72.9671, 72.8732



79.7095, 92.4400, 92.4433



18.0292, 17.9950, 18.7712



21.5771, 11.1201, 1.1573



2.1076, 1.0854, 0.1478

Previews

White Background



This preview shows how the XYZ color 83.9945, 78.4336, 105.3200 looks on a white background.

Color Contrast Check

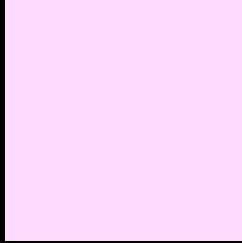
Large Text (above 18pt) WCAG AA × Fail

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 83.9945, 78.4336, 105.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

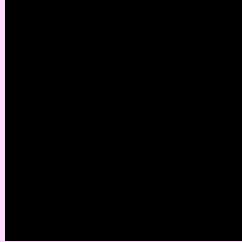
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9945, 78.4336, 105.3200

Background



This preview shows how black text looks on a background with the XYZ color 83.9945, 78.4336, 105.3200.



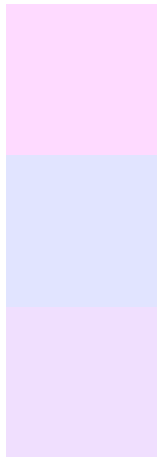
This preview shows how white text looks on a background with the XYZ color 83.9945, 78.4336,

105.3200.

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

83.9945, 78.4336, 105.3200

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.2122, 78.4564, 104.6819



Tritanopia

81.4340, 78.5814, 91.7646

Trichromacy



Original Color

83.9945, 78.4336, 105.3200

Protanomaly

79.2977, 78.3642, 105.5541

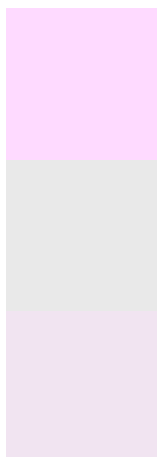
Deuteranomaly

81.4020, 78.2811, 104.5854

Tritanomaly

82.4303, 78.6007, 96.4149

Monochromacy



Original Color

83.9945, 78.4336, 105.3200

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.8962, 80.5385, 94.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9945, 78.4336, 105.3200 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 255)  
}
```

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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.9945, 78.4336, 105.3200 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, 218, 255) }
```


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

```
.border{ border-color:rgb(254, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9945, 78.4336, 105.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 255) }
```

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

```
.background{ background-color: rgb(254,  
218, 255) }
```

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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