

Converting Colors

XYZ(87.5512, 81.0836,
126.4751)

Have a look what the booklet for
XYZ(87.5512, 81.0836, 126.4751)
contains.

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Color

**XYZ(83.3308, 79.2569,
105.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	FADDFE
RGB	250, 221, 255
RGB Percent	98%, 87%, 100%
CMY	0.0196, 0.1333, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	291°, 100%, 93%
HSV	291°, 13%, 100%
XYZ	83.3308, 79.2569, 105.5138
YIQ	233.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

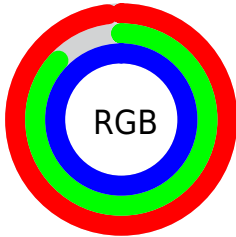
Format	Color
R _Y B	250, 221, 255
Decimal	16440831
CIE Lab	91.35, 15.83, -12.83
CIE LCh	91, 20.376, 320.981
Yxy	79.2569, 0.3108, 0.2956
Android (android.graphics.Color)	4294630911 (0xFFFADDFF)
YUV	233.5470, 10.5763, 14.4293
Hunter-Lab	89.0263, 11.2842, -7.9519

Details

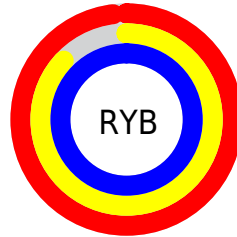
The XYZ color **83.3308, 79.2569, 105.5138** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.1771, 92.9101, 82.1182**, and the grayscale version is **77.7856, 81.8365, 89.1200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8216, 42.6871, 59.2505** is the 20% darker color. If you saturate the color by 10%, you get **75.7733, 66.1157, 103.3757**, and if you desaturate by 10%, it is **91.9418, 94.4635, 107.9952**.

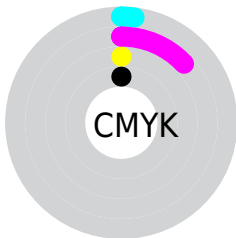
Distribution



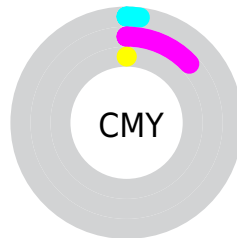
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3308, 79.2569, 105.5138 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 83.3308, 79.2569, 105.5138 by changing the saturation by 10% instead.


 83.3308, 79.2569,
105.5138

 83.3308, 79.2569,
105.5138


494.6556,
492.4250, 599.1265

 62.7809, 59.1071,
80.2708


136.9648,
132.3205, 170.8317

 45.9220, 42.6993,
59.4138


170.7796,
166.0030, 211.7437

 32.3886, 29.6493,
42.5241


209.7468,
204.9652, 258.7158

 21.8155, 19.5725,
29.1832

254.2317,
249.5914, 312.1665

 13.8372, 12.0847,
18.9727

304.5997,
300.2661, 372.5144

 8.0885, 6.8014,
11.4740

361.2161,

 4.2039, 3.3382,

357.3737, 440.1780

6.2684

424.4463,
421.2985, 515.5758

■ 1.8181, 1.3107,
2.9376

■ 0.5286, 0.1495,
1.0628

■ 83.3308, 79.2569,
105.5138

■ 83.3308, 79.2569,
105.5138

■ 75.7733, 66.1157,
103.3757

■ 91.9418, 94.4635,
107.9952

■ 69.2167, 54.9380,
101.5637

95.0500, 100.0000,
108.9000

■ 63.6136, 45.6280,
100.0620

■ 58.9100, 38.0780,
98.8526

■ 55.0464, 32.1692,
97.9158

■ 51.9559, 27.7683,
97.2292

■ 49.5612, 24.7205,
96.7671

■ 47.7680, 22.8379,
96.4982

■ 46.8163, 22.0496,
96.3962

Harmonies

Analogous

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



78.9511, 79.2569, 115.7384



83.3308, 79.2569, 105.5138



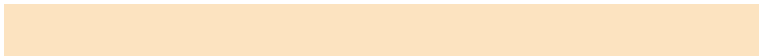
85.5938, 79.2569, 90.8430

Triad

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



83.3308, 79.2569, 105.5138



76.9023, 79.2569, 61.0979



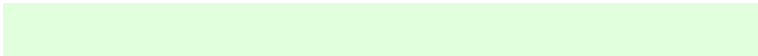
66.4160, 79.2569, 96.9098

Complementary

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



83.3308, 79.2569, 105.5138



80.1771, 92.9101, 82.1182

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.



65.9237, 79.2569, 81.9058



83.3308, 79.2569, 105.5138



71.8239, 79.2569, 62.3272

Square

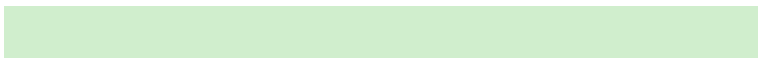
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



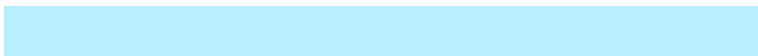
83.3308, 79.2569, 105.5138



81.7722, 79.2569, 65.9936



67.8609, 79.2569, 69.5682



69.2379, 79.2569, 110.3890

Rectangle

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



83.3308, 79.2569, 105.5138



85.5294, 79.2569, 80.9815



67.8609, 79.2569, 69.5682



65.9779, 79.2569, 91.8408

Sweetspot

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



83.3329, 79.2602, 105.5144



91.3323, 93.3805, 107.8183



75.0954, 77.0428, 105.5205



19.4034, 19.7290, 23.0354



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.



83.3329, 79.2602, 105.5144



81.2146, 75.5544, 104.9107



83.2910, 79.4531, 95.8209



18.5147, 18.1571, 22.7788



24.5625, 11.5729, 50.3738



2.4599, 1.1621, 4.9079

Inverse Universe

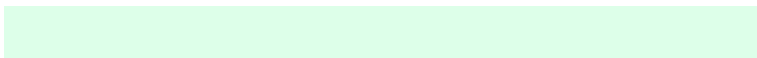
The Inverse Universe completely reimagines the original color for something new.



80.8259, 78.4671, 82.8400



78.2818, 74.6323, 78.1279



80.2747, 92.7707, 90.6943



18.1182, 18.0306, 19.2395



21.7598, 11.1932, 2.1198



2.1495, 1.1022, 0.3686

Previews

White Background



This preview shows how the XYZ color 83.3308, 79.2569, 105.5138 looks on a white background.

Color Contrast Check

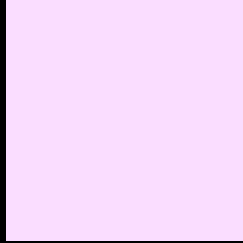
Large Text (above 18pt) WCAG AA × Fail

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 83.3308, 79.2569, 105.5138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

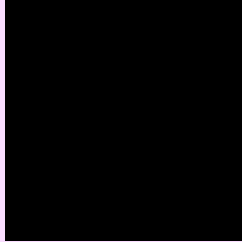
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

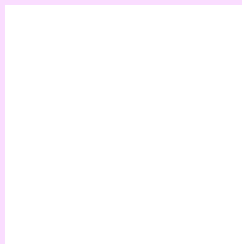
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3308, 79.2569, 105.5138

Background



This preview shows how black text looks on a background with the XYZ color 83.3308, 79.2569, 105.5138.



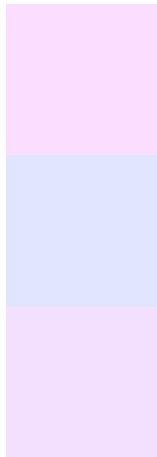
This preview shows how white text looks on a background with the XYZ color 83.3308, 79.2569,

105.5138.

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

83.3308, 79.2569, 105.5138

Protanopia

77.4333, 79.4274, 105.8576

Deuteranopia

81.1630, 79.3443, 104.8032



Tritanopia

80.9763, 79.0827, 94.2157

Trichromacy



Original Color

83.3308, 79.2569, 105.5138

Protanomaly

79.5073, 79.2749, 105.7188

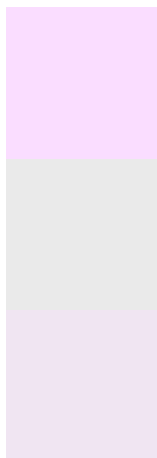
Deuteranomaly

81.9333, 79.3436, 104.7624

Tritanomaly

81.8228, 79.0361, 98.1317

Monochromacy



Original Color

83.3308, 79.2569, 105.5138

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.9815, 80.9747, 95.4186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3308, 79.2569, 105.5138 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(250, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 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(250, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.3308, 79.2569, 105.5138 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(250, 221, 255) }
```


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

```
.border{ border-color:rgb(250, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3308, 79.2569, 105.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 255) }
```

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

```
.background{ background-color: rgb(250,  
221, 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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