

Converting Colors

XYZ(83.3622, 78.4833,
100.3953)

Have a look what the booklet for
XYZ(83.3622, 78.4833, 100.3953)
contains.

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Color

**XYZ(83.3035, 78.5734,
100.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDBF9
RGB	254, 219, 249
RGB Percent	100%, 86%, 98%
CMY	0.0039, 0.1412, 0.0235
CMYK	0.00, 0.14, 0.02, 0.00
HSL	309°, 95%, 93%
HSV	309°, 14%, 100%
XYZ	83.3035, 78.5734, 100.3982
YIQ	232.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

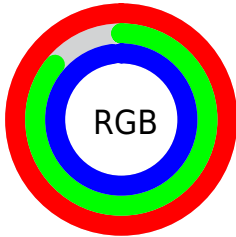
Format	Color
RYB	254, 219, 249
Decimal	16702457
CIELab	91.04, 17.11, -10.11
CIELCh	91, 19.876, 329.425
Yxy	78.5734, 0.3176, 0.2996
Android (android.graphics.Color)	4294892537 (0xFFFE9BF9)
YUV	232.8850, 7.9447, 18.5179
Hunter-Lab	88.6416, 12.6276, -5.1045

Details

The XYZ color **83.3035, 78.5734, 100.3982** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1129, 91.3278, 84.0363**, and the grayscale version is **77.3038, 81.3296, 88.5680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9271, 42.2715, 56.1907** is the 20% darker color. If you saturate the color by 10%, you get **76.6161, 66.0947, 95.4039**, and if you desaturate by 10%, it is **91.0175, 93.0854, 105.7905**.

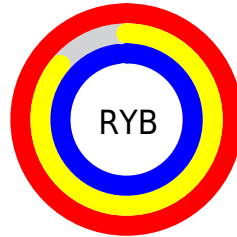
Distribution



Red (100%)

Green (86%)

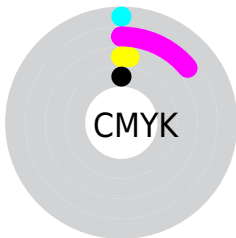
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

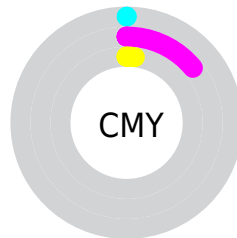


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3035, 78.5734, 100.3982 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 83.3035, 78.5734, 100.3982 by changing the saturation by 10% instead.


 83.3035, 78.5734,
100.3982

 83.3035, 78.5734,
100.3982


494.5661,
490.1120, 582.7262

 62.7583, 58.5451,
76.0144


136.9268,
131.3581, 163.7609

 45.9036, 42.2471,
55.9376


170.7356,
164.8834, 203.5770

 32.3741, 29.2948,
39.7492


209.6963,
203.6764, 249.3741

 21.8043, 19.3039,
27.0308

254.1743,
248.1216, 301.5710

 13.8290, 11.8901,
17.3637

304.5349,
298.6033, 360.5861

 8.0827, 6.6689,
10.3294

361.1435,

 4.2002, 3.2559,

355.5061, 426.8379

5.5095

424.3655,
419.2141, 500.7451

■ 1.8160, 1.2667,
2.4853

■ 0.5273, 0.1152,
0.8323

■ 83.3035, 78.5734,
100.3982

■ 83.3035, 78.5734,
100.3982

■ 76.6161, 66.0947,
95.4039

■ 91.0175, 93.0854,
105.7905

■ 70.9027, 55.5477,
90.7870

94.6837, 99.8112,
108.8829

■ 66.1163, 46.8374,
86.5325

■ 62.2033, 39.8567,
82.6221

■ 59.1046, 34.4876,
79.0360

■ 56.7538, 30.5972,
75.7515

■ 55.0737, 28.0312,
72.7427

■ 53.9701, 26.6016,
69.9779

■ 53.4906, 26.1179,
68.3527

Harmonies

Analogous

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



79.5244, 78.5734, 111.9585



83.3035, 78.5734, 100.3982



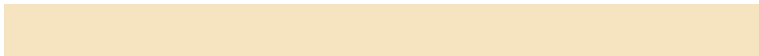
84.7547, 78.5734, 85.8310

Triad

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



83.3035, 78.5734, 100.3982



74.7786, 78.5734, 60.7823



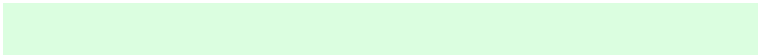
66.5864, 78.5734, 99.8642

Complementary

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



83.3035, 78.5734, 100.3982



78.1129, 91.3278, 84.0363

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.



65.4401, 78.5734, 85.2758



83.3035, 78.5734, 100.3982



70.0396, 78.5734, 63.6646

Square

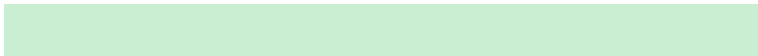
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3035, 78.5734, 100.3982



79.6996, 78.5734, 63.8929



66.6762, 78.5734, 72.2486



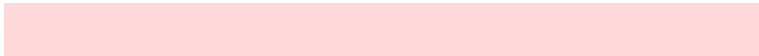
69.8788, 78.5734, 111.6267

Rectangle

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



83.3035, 78.5734, 100.3982



84.1589, 78.5734, 76.6856



66.6762, 78.5734, 72.2486



65.9440, 78.5734, 95.0790

Sweetspot

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



83.3058, 78.5768, 100.3999



91.6481, 93.5703, 106.6129



73.8615, 73.6168, 104.0839



19.4837, 19.7773, 22.7291



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.



83.3058, 78.5768, 100.3999



81.7647, 74.9996, 99.6310



80.7491, 77.5541, 86.9365



18.6745, 18.2531, 22.1689



28.2428, 13.7864, 36.2585



2.7792, 1.3540, 3.6844

Inverse Universe

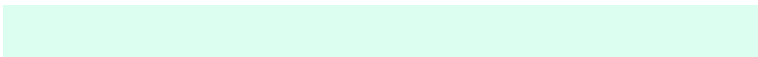
The Inverse Universe completely reimagines the original color for something new.



83.3058, 78.5768, 100.3999



81.7647, 74.9996, 99.6310



80.5601, 92.3067, 96.9232



18.6745, 18.2531, 22.1689



28.2428, 13.7864, 36.2585



2.7792, 1.3540, 3.6844

Previews

White Background



This preview shows how the XYZ color 83.3035, 78.5734, 100.3982 looks on a white background.

Color Contrast Check

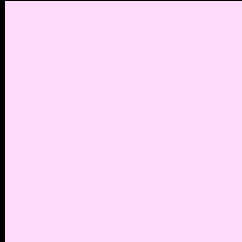
Large Text (above 18pt) WCAG AA × Fail

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 83.3035, 78.5734, 100.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

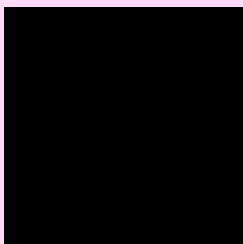
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3035, 78.5734, 100.3982

Background



This preview shows how black text looks on a background with the XYZ color 83.3035, 78.5734, 100.3982.



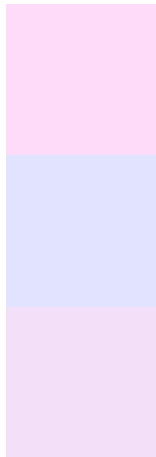
This preview shows how white text looks on a background with the XYZ color 83.3035, 78.5734,

100.3982.

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

83.3035, 78.5734, 100.3982

Protanopia

77.1574, 78.8756, 105.7656

Deuteranopia

80.2931, 78.6073, 99.7478



Tritanopia

81.4340, 78.5814, 91.7646

Trichromacy



Original Color

83.3035, 78.5734, 100.3982

Protanomaly

79.2469, 78.7751, 103.9569

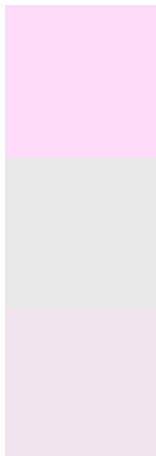
Deuteranomaly

81.4223, 78.7940, 99.7243

Tritanomaly

82.1282, 78.4799, 94.8239

Monochromacy



Original Color

83.3035, 78.5734, 100.3982

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.5990, 80.4196, 92.9886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3035, 78.5734, 100.3982 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, 219, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 249)  
}
```

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, 219, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 249) }
```

Border

The CSS property to change the border of an element to XYZ 83.3035, 78.5734, 100.3982 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, 219, 249) }
```


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

```
.border{ border-color:rgb(254, 219, 249) }
```

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

Here you see how a box with a 4 pixel rgb(254, 219, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3035, 78.5734, 100.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 249) }
```

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

```
.background{ background-color: rgb(254,  
219, 249) }
```

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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