

Converting Colors

XYZ(83.5238, 78.8293, 99.2568)

Have a look what the booklet for
XYZ(83.5238, 78.8293, 99.2568)
contains.

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Color

**XYZ(83.5148, 78.7003,
99.5959)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDBF8 |
| RGB | 255, 219, 248 |
| RGB Percent | 100%, 86%, 97% |
| CMY | 0.0000, 0.1412, 0.0274 |
| CMYK | 0.00, 0.14, 0.03, 0.00 |
| HSL | 312°, 100%, 93% |
| HSV | 312°, 14%, 100% |
| XYZ | 83.5148, 78.7003, 99.5959 |
| YIQ | 233.0700, 12.1470, 16.6510 |

Conversions

Conversions Part 2

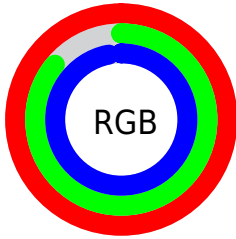
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 219, 248 |
| Decimal | 16767992 |
| CIE Lab | 91.10, 17.27, -9.49 |
| CIE LCh | 91, 19.705, 331.206 |
| Yxy | 78.7003, 0.3190, 0.3006 |
| Android (android.graphics.Color) | 4294958072 (0xFFFFDBF8) |
| YUV | 233.0700, 7.3605, 19.2326 |
| Hunter-Lab | 88.7132, 12.7922, -4.4640 |

Details

The XYZ color **83.5148, 78.7003, 99.5959** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.7032, 92.0722, 85.5782**, and the grayscale version is **77.4463, 81.4795, 88.7312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0786, 42.3625, 55.6173** is the 20% darker color. If you saturate the color by 10%, you get **76.6062, 66.0976, 93.5488**, and if you desaturate by 10%, it is **91.4662, 93.3554, 106.0933**.

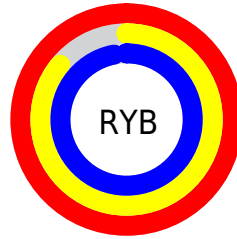
Distribution



Red (100%)

Green (86%)

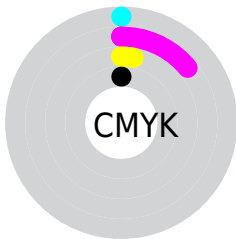
Blue (97%)



Red (100%)

Yellow (86%)

Blue (97%)

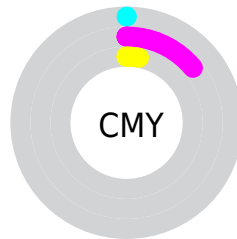


Cyan (0%)

Magenta (14%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5148, 78.7003, 99.5959 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 83.5148, 78.7003, 99.5959 by changing the saturation by 10% instead.


 83.5148, 78.7003,
99.5959

 83.5148, 78.7003,
99.5959


495.2586,
490.5419, 580.1319

 62.9333, 58.6494,
75.3481


137.2210,
131.5369, 162.6488

 46.0457, 42.3310,
55.3947


171.0764,
165.0913, 202.2909

 32.4866, 29.3605,
39.3171

210.0872,
203.9158, 247.9016

 21.8908, 19.3537,
26.6967

254.6187,
248.3947, 299.8994

 13.8929, 11.9262,
17.1152

305.0362,
298.9123, 358.7027

 8.1274, 6.6934,
10.1538

361.7051,

 4.2291, 3.2711,

355.8531, 424.7303

5.3941

424.9908,
419.6015, 498.4005

■ 1.8325, 1.2749,
2.4176

■ 0.5371, 0.1216,
0.7960

■ 83.5148, 78.7003,
99.5959

■ 83.5148, 78.7003,
99.5959

■ 76.6062, 66.0976,
93.5488

■ 91.4662, 93.3554,
106.0933

■ 70.6888, 55.4454,
87.9309

95.0500, 100.0000,
108.9000

■ 65.7146, 46.6473,
82.7263

■ 61.6290, 39.5947,
77.9161

■ 58.3722, 34.1680,
73.4796

■ 55.8765, 30.2323,
69.3935

■ 54.0636, 27.6310,
65.6308

■ 52.8375, 26.1725,
62.1587

■ 52.3101, 25.6880,
60.2242

Harmonies

Analogous

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



79.8758, 78.7003, 111.3623



83.5148, 78.7003, 99.5959



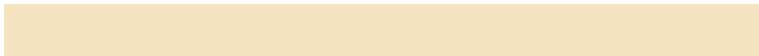
84.7937, 78.7003, 85.1153

Triad

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



83.5148, 78.7003, 99.5959



74.6009, 78.7003, 61.0860



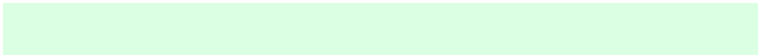
66.9047, 78.7003, 100.7052

Complementary

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



83.5148, 78.7003, 99.5959



78.7032, 92.0722, 85.5782

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.



65.6283, 78.7003, 86.2698



83.5148, 78.7003, 99.5959



69.9482, 78.7003, 64.3035

Square

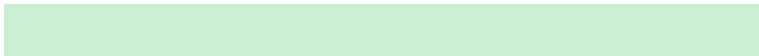
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5148, 78.7003, 99.5959



79.5117, 78.7003, 63.8280



66.7178, 78.7003, 73.1450



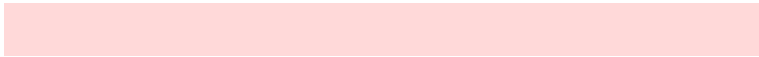
70.2826, 78.7003, 112.0512

Rectangle

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



83.5148, 78.7003, 99.5959



84.0928, 78.7003, 76.1462



66.7178, 78.7003, 73.1450



66.2226, 78.7003, 96.0024

Sweetspot

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



83.5165, 78.7034, 99.5976



91.5642, 93.5368, 106.1709



74.6232, 73.9909, 104.9564



19.4624, 19.7688, 22.6169



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.



83.5165, 78.7034, 99.5976



81.4185, 74.8611, 97.8076



80.9127, 77.6619, 85.8863



18.6323, 18.2362, 21.9470



27.3869, 13.4440, 31.7513



2.7035, 1.3238, 3.2861

Inverse Universe

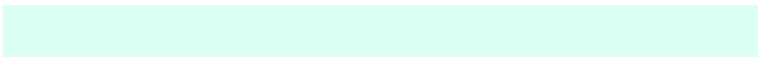
The Inverse Universe completely reimagines the original color for something new.



83.5165, 78.7034, 99.5976



81.4185, 74.8611, 97.8076



81.2439, 93.0884, 98.9572



18.6323, 18.2362, 21.9470



27.3869, 13.4440, 31.7513



2.7035, 1.3238, 3.2861

Previews

White Background



This preview shows how the XYZ color 83.5148, 78.7003, 99.5959 looks on a white background.

Color Contrast Check

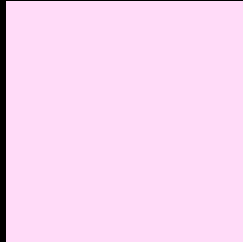
Large Text (above 18pt) WCAG AA × Fail

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 83.5148, 78.7003, 99.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

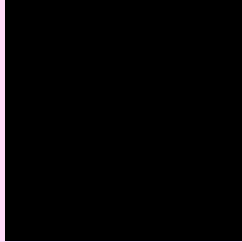
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5148, 78.7003, 99.5959

Background



This preview shows how black text looks on a background with the XYZ color 83.5148, 78.7003, 99.5959.



This preview shows how white text looks on a background with the XYZ color 83.5148, 78.7003,

99.5959.

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

83.5148, 78.7003, 99.5959

Protanopia

77.3113, 78.9735, 104.9346

Deuteranopia

80.4844, 78.7238, 98.9489



Tritanopia

82.1621, 78.9568, 91.7987

Trichromacy



Original Color

83.5148, 78.7003, 99.5959

Protanomaly

79.4210, 78.8832, 103.1355

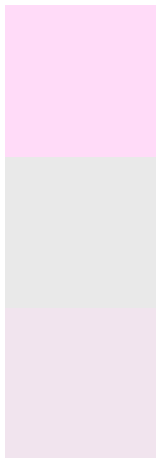
Deuteranomaly

81.6212, 78.9144, 98.9258

Tritanomaly

82.4933, 78.6680, 94.8410

Monochromacy



Original Color

83.5148, 78.7003, 99.5959

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.4516, 80.3606, 92.2125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5148, 78.7003, 99.5959 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, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 248)  
}
```

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, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 248) }
```

Border

The CSS property to change the border of an element to XYZ 83.5148, 78.7003, 99.5959 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, 219, 248) }
```


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

```
.border{ border-color:rgb(255, 219, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5148, 78.7003, 99.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 248) }
```

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

```
.background{ background-color: rgb(255,  
219, 248) }
```

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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