

Converting Colors

XYZ(118.6945, 97.7269,
96.6185)

Have a look what the booklet for
XYZ(118.6945, 97.7269, 96.6185)
contains.

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Color

**XYZ(83.1235, 79.3837,
94.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDF2
RGB	255, 221, 242
RGB Percent	100%, 87%, 95%
CMY	0.0000, 0.1333, 0.0510
CMYK	0.00, 0.13, 0.05, 0.00
HSL	323°, 100%, 93%
HSV	323°, 13%, 100%
XYZ	83.1235, 79.3837, 94.9459
YIQ	233.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

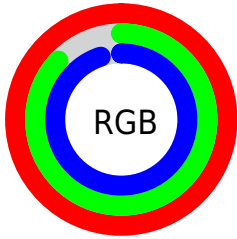
Format	Color
R _Y B	255, 221, 242
Decimal	16768498
CIE Lab	91.41, 15.19, -5.89
CIE LCh	91, 16.289, 338.807
Yxy	79.3837, 0.3229, 0.3083
Android (android.graphics.Color)	4294958578 (0xFFFFDDF2)
YUV	233.5600, 4.1609, 18.8029
Hunter-Lab	89.0975, 10.6108, -0.8135

Details

The XYZ color **83.1235, 79.3837, 94.9459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4325, 92.8338, 91.5247**, and the grayscale version is **77.8382, 81.8919, 89.1802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7878, 42.8234, 52.3068** is the 20% darker color. If you saturate the color by 10%, you get **75.4698, 66.3578, 85.3615**, and if you desaturate by 10%, it is **91.8813, 94.4923, 105.2857**.

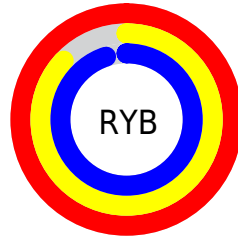
Distribution



Red (100%)

Green (87%)

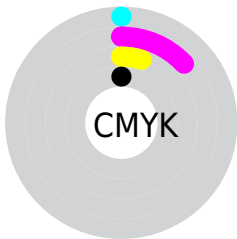
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

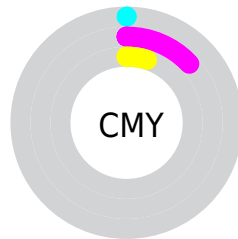


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1235, 79.3837, 94.9459 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 83.1235, 79.3837, 94.9459 by changing the saturation by 10% instead.


 83.1235, 79.3837,
94.9459

 83.1235, 79.3837,
94.9459


493.9757,
492.8534, 564.9717

 62.6093, 59.2113,
71.4933


136.6760,
132.4989, 156.1848

 45.7827, 42.7833,
52.2606


170.4451,
166.2105, 194.8082

 32.2782, 29.7151,
36.8291


209.3631,
205.2040, 239.3256

 21.7307, 19.6224,
24.7805

253.7955,
249.8638, 290.1555

 13.7746, 12.1209,
15.6960

304.1076,
300.5742, 347.7166

 8.0447, 6.8261,
9.1573

360.6648,

 4.1756, 3.3536,

357.7197, 412.4273

4.7457

423.8324,
421.6846, 484.7061

■ 1.8020, 1.3190,
2.0427

■ 0.5189, 0.1558,
0.5814

■ 83.1235, 79.3837,
94.9459

■ 83.1235, 79.3837,
94.9459

■ 75.4698, 66.3578,
85.3615

■ 91.8813, 94.4923,
105.2857

■ 68.8678, 55.3124,
76.5059

95.0500, 100.0000,
108.9000

■ 63.2685, 46.1515,
68.3578

■ 58.6169, 38.7668,
60.8926

■ 54.8523, 33.0392,
54.0837

■ 51.9067, 28.8346,
47.9018

■ 49.7014, 25.9982,
42.3140

■ 48.1411, 24.3413,
37.2814

■ 47.3681, 23.7112,
34.2001

Harmonies

Analogous

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



80.5537, 79.3837, 105.4553



83.1235, 79.3837, 94.9459



83.5988, 79.3837, 82.9901

Triad

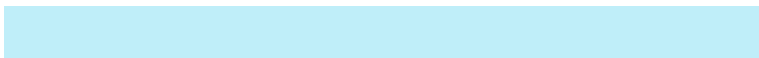
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1235, 79.3837, 94.9459



74.2391, 79.3837, 65.7982



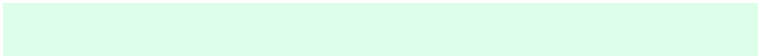
69.4143, 79.3837, 101.5318

Complementary

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



83.1235, 79.3837, 94.9459



80.4325, 92.8338, 91.5247

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.



67.8521, 79.3837, 89.9747



83.1235, 79.3837, 94.9459



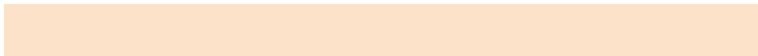
70.5700, 79.3837, 69.8520

Square

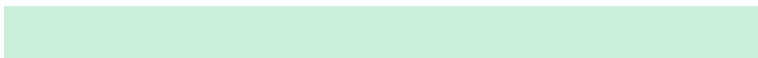
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



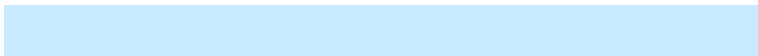
83.1235, 79.3837, 94.9459



78.3677, 79.3837, 66.8658



68.2673, 79.3837, 78.4492



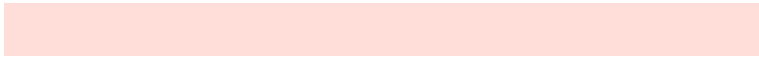
72.6092, 79.3837, 109.4929

Rectangle

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



83.1235, 79.3837, 94.9459



82.6477, 79.3837, 75.9041



68.2673, 79.3837, 78.4492



68.6863, 79.3837, 97.8982

Sweetspot

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



83.1252, 79.3869, 94.9476



91.2603, 93.4152, 104.5703



77.6660, 76.3389, 105.2492



19.3853, 19.7379, 22.2110



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.



83.1252, 79.3869, 94.9476



80.9762, 75.7100, 92.3164



80.7622, 78.4417, 82.5040



18.4810, 18.1757, 21.1502



24.8260, 12.4197, 18.2659



2.4706, 1.2306, 2.0594

Inverse Universe

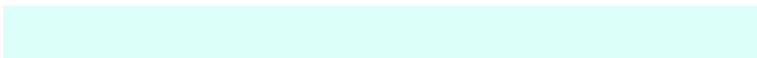
The Inverse Universe completely reimagines the original color for something new.



83.1252, 79.3869, 94.9476



80.9762, 75.7100, 92.3164



82.9093, 93.8246, 104.5674



18.4810, 18.1757, 21.1502



24.8260, 12.4197, 18.2659



2.4706, 1.2306, 2.0594

Previews

White Background



This preview shows how the XYZ color 83.1235, 79.3837, 94.9459 looks on a white background.

Color Contrast Check

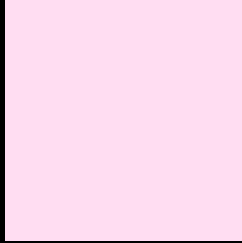
Large Text (above 18pt) WCAG AA × Fail

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 83.1235, 79.3837, 94.9459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

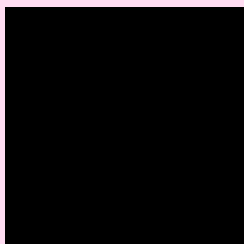
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1235, 79.3837, 94.9459

Background



This preview shows how black text looks on a background with the XYZ color 83.1235, 79.3837, 94.9459.



This preview shows how white text looks on a background with the XYZ color 83.1235, 79.3837,

94.9459.

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

83.1235, 79.3837, 94.9459

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

81.2442, 79.6186, 94.3050



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

83.1235, 79.3837, 94.9459

Protanomaly

79.2744, 79.3360, 97.5214

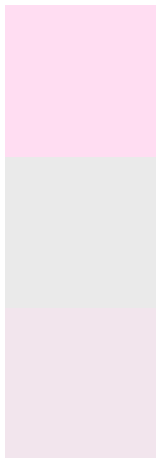
Deuteranomaly

82.0485, 79.6355, 94.2658

Tritanomaly

83.0895, 79.7938, 93.4605

Monochromacy



Original Color

83.1235, 79.3837, 94.9459

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.9233, 81.0303, 91.5488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1235, 79.3837, 94.9459 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, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 242)  
}
```

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, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 242) }
```

Border

The CSS property to change the border of an element to XYZ 83.1235, 79.3837, 94.9459 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, 221, 242) }
```


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

```
.border{ border-color:rgb(255, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1235, 79.3837, 94.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 242) }
```

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

```
.background{ background-color: rgb(255,  
221, 242) }
```

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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