

Converting Colors

XYZ(81.7129, 79.3572, 96.0218)

Have a look what the booklet for
XYZ(81.7129, 79.3572, 96.0218)
contains.

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Color

**XYZ(81.6323, 79.3862,
95.8146)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DFF3
RGB	249, 223, 243
RGB Percent	98%, 87%, 95%
CMY	0.0235, 0.1255, 0.0471
CMYK	0.00, 0.10, 0.02, 0.02
HSL	314°, 68%, 93%
HSV	314°, 10%, 98%
XYZ	81.6323, 79.3862, 95.8146
YIQ	233.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

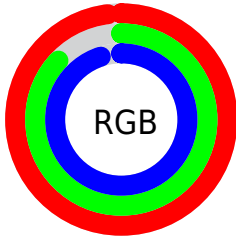
Format	Color
R _Y B	249, 223, 243
Decimal	16375795
CIE Lab	91.41, 12.31, -6.47
CIE LCh	91, 13.902, 332.275
Yxy	79.3862, 0.3178, 0.3091
Android (android.graphics.Color)	4294565875 (0xFFF9DFF3)
YUV	233.0540, 4.9034, 13.9846
Hunter-Lab	89.0989, 7.6183, -1.3896

Details

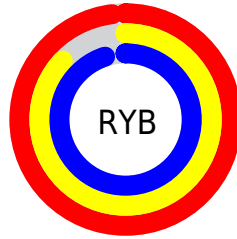
The XYZ color **81.6323, 79.3862, 95.8146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4531, 89.0987, 87.1959**, and the grayscale version is **77.4542, 81.4879, 88.7403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7105, 42.7996, 52.9184** is the 20% darker color. If you saturate the color by 10%, you get **74.6090, 66.7058, 89.2589**, and if you desaturate by 10%, it is **89.6657, 94.0409, 102.8430**.

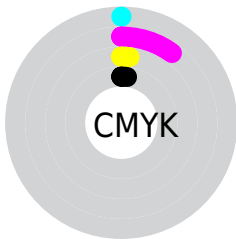
Distribution



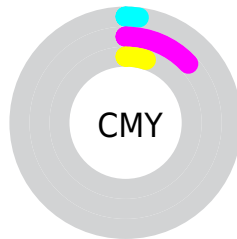
- Red (98%)
- Green (87%)
- Blue (95%)



- Red (98%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.6323, 79.3862, 95.8146 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 81.6323, 79.3862, 95.8146 by changing the saturation by 10% instead.


 81.6323, 79.3862,
95.8146

 81.6323, 79.3862,
95.8146


489.0701,
492.8619, 567.8204

 61.3756, 59.2134,
72.2125


134.5968,
132.5024, 157.3948

 44.7820, 42.7849,
52.8444

168.0352,
166.2146, 196.2100

 31.4863, 29.7164,
37.2917


206.5982,
205.2087, 240.9332

 21.1231, 19.6234,
25.1359

250.6512,
249.8691, 291.9832

 13.3270, 12.1216,
15.9584

300.5596,
300.5803, 349.7783

 7.7326, 6.8266,
9.3407

356.6886,

 3.9747, 3.3539,

357.7265, 414.7372

4.8642

419.4036,
421.6923, 487.2784

■ 1.6878, 1.3191,
2.1105

■ 0.4486, 0.1560,
0.6220

■ 81.6323, 79.3862,
95.8146

■ 81.6323, 79.3862,
95.8146

■ 74.6090, 66.7058,
89.2589

■ 89.6657, 94.0409,
102.8430

■ 68.5460, 55.9043,
83.1551

■ 92.7964, 98.8476,
108.3715

■ 63.3999, 46.8936,
77.4886

■ 92.8775, 98.8800,
108.7983

■ 59.1207, 39.5747,
72.2415

■ 55.6541, 33.8388,
67.3944

■ 52.9390, 29.5646,
62.9256

■ 50.9057, 26.6129,
58.8107

■ 49.4709, 24.8176,
55.0204

■ 48.5298, 23.9250,
51.6564

Harmonies

Analogous

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



79.1422, 79.3862, 103.9638



81.6323, 79.3862, 95.8146



82.4518, 79.3862, 85.6678

Triad

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



81.6323, 79.3862, 95.8146



75.1848, 79.3862, 68.4094



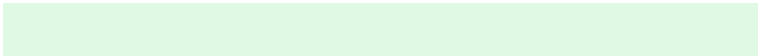
69.8519, 79.3862, 97.2550

Complementary

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



81.6323, 79.3862, 95.8146



78.4531, 89.0987, 87.1959

Split Complementary

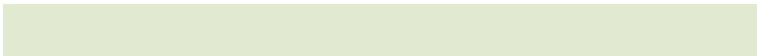
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8641, 79.3862, 87.2130



81.6323, 79.3862, 95.8146



71.8826, 79.3862, 71.0017

Square

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



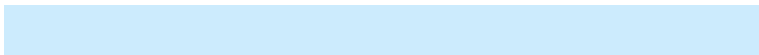
81.6323, 79.3862, 95.8146



78.6609, 79.3862, 70.3262



69.5960, 79.3862, 77.6942



72.3359, 79.3862, 104.8400

Rectangle

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



81.6323, 79.3862, 95.8146



81.9205, 79.3862, 79.2674



69.5960, 79.3862, 77.6942



69.3374, 79.3862, 94.0287

Sweetspot

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



81.6346, 79.3897, 95.8163



92.3749, 95.1026, 106.6123



75.6861, 76.2167, 100.3460



19.6226, 20.0827, 22.6902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

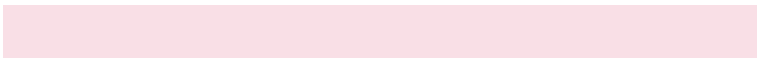
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6346, 79.3897, 95.8163



84.1638, 80.1599, 99.3145



79.7919, 78.6526, 86.1126



17.8116, 17.4520, 20.8636



26.0340, 12.8293, 27.9513



2.4514, 1.2043, 2.8004

Inverse Universe

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



81.6346, 79.3897, 95.8163



84.1638, 80.1599, 99.3145



80.2818, 89.8302, 96.8258



17.8116, 17.4520, 20.8636



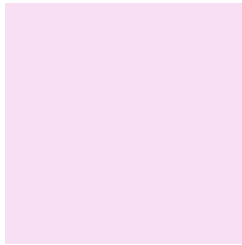
26.0340, 12.8293, 27.9513



2.4514, 1.2043, 2.8004

Previews

White Background



This preview shows how the XYZ color 81.6323, 79.3862, 95.8146 looks on a white background.

Color Contrast Check

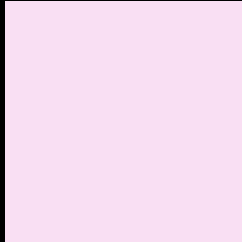
Large Text (above 18pt) WCAG AA × Fail

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 81.6323, 79.3862, 95.8146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

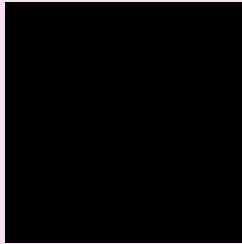
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6323, 79.3862, 95.8146

Background



This preview shows how black text looks on a background with the XYZ color 81.6323, 79.3862, 95.8146.



This preview shows how white text looks on a background with the XYZ color 81.6323, 79.3862,

95.8146.

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

81.6323, 79.3862, 95.8146

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

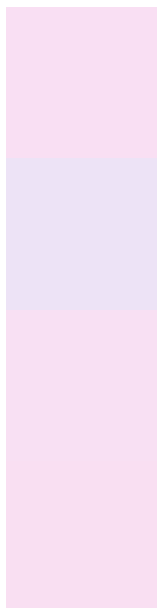
81.1911, 79.5565, 95.8707



Tritanopia

81.3318, 79.2660, 94.2323

Trichromacy



Original Color

81.6323, 79.3862, 95.8146

Protanomaly

79.0287, 79.5965, 98.3872

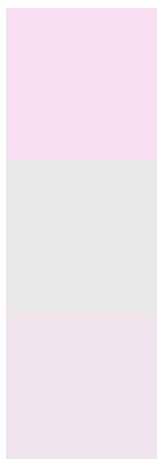
Deuteranomaly

81.5447, 79.7388, 95.8873

Tritanomaly

81.4816, 79.3259, 95.0213

Monochromacy



Original Color

81.6323, 79.3862, 95.8146

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.9020, 80.5038, 91.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6323, 79.3862, 95.8146 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(249, 223, 243) looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 243)  
}
```

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(249, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.6323, 79.3862, 95.8146 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(249, 223, 243) }
```


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

```
.border{ border-color:rgb(249, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6323, 79.3862, 95.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 243) }
```

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

```
.background{ background-color: rgb(249,  
223, 243) }
```

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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