

Converting Colors

XYZ(79.4254, 81.7188,
103.4113)

Have a look what the booklet for
XYZ(79.4254, 81.7188, 103.4113)
contains.

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Color

**XYZ(79.3823, 81.7304,
103.6871)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E7E8FC |
| RGB | 231, 232, 252 |
| RGB Percent | 91%, 91%, 99% |
| CMY | 0.0941, 0.0902, 0.0118 |
| CMYK | 0.08, 0.08, 0.00, 0.01 |
| HSL | 237°, 78%, 95% |
| HSV | 237°, 8%, 99% |
| XYZ | 79.3823, 81.7304, 103.6871 |
| YIQ | 233.9810, -7.0160, 6.0080 |

Conversions

Conversions Part 2

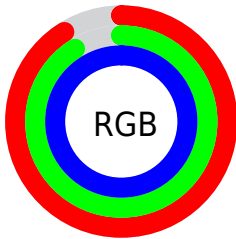
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 231, 232, 252 |
| Decimal | 15198460 |
| CIE Lab | 92.46, 3.39, -9.77 |
| CIE LCh | 92, 10.344, 289.105 |
| Yxy | 81.7304, 0.2998, 0.3086 |
| Android (android.graphics.Color) | 4293388540 (0xFFE7E8FC) |
| YUV | 233.9810, 8.8834, -2.6143 |
| Hunter-Lab | 90.4049, -1.4720, -4.7174 |

Details

The XYZ color **79.3823, 81.7304, 103.6871** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.0662, 95.4587, 89.3339**, and the grayscale version is **78.1331, 82.2021, 89.5181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0549, 44.1048, 57.8736** is the 20% darker color. If you saturate the color by 10%, you get **65.5276, 65.2380, 101.2352**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3772**.

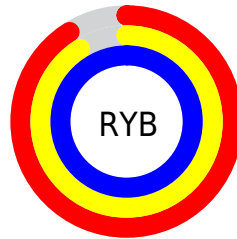
Distribution



Red (91%)

Green (91%)

Blue (99%)



Red (91%)

Yellow (91%)

Blue (99%)

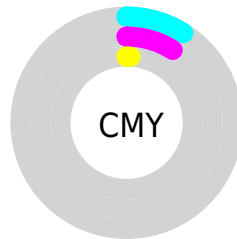


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (9%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3823, 81.7304, 103.6871 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 79.3823, 81.7304, 103.6871 by changing the saturation by 10% instead.

79.3823, 81.7304,
103.6871

79.3823, 81.7304,
103.6871

481.6170,
500.7454, 593.2976

59.5169, 61.1433,
78.7494

131.4520,
135.7959, 168.3109

43.2773, 44.3409,
58.1697

164.3870,
170.0431, 208.8339

30.2982, 30.9386,
41.5295

202.4093,
209.6124, 255.3892

20.2143, 20.5521,
28.4102

245.8842,
254.8883, 308.3953

12.6601, 12.7970,
18.3934

295.1771,
306.2552, 368.2706

7.2703, 7.2889,
11.0604

350.6533,

3.6795, 3.6434,

364.0974, 435.4337

5.9928

412.6781,
428.7994, 510.3032

■ 1.5225, 1.4762,
2.7720

■ 0.3410, 0.2719,
0.9794

■ 79.3823, 81.7304,
103.6871

■ 79.3823, 81.7304,
103.6871

■ 65.5276, 65.2380,
101.2352

94.5709, 99.8084,
106.3772

■ 53.6769, 51.0903,
99.1291

■ 43.7394, 39.1840,
97.3547

■ 35.6148, 29.4041,
95.8952

■ 29.1936, 21.6253,
94.7321

■ 24.3544, 15.7092,
93.8453

■ 20.9599, 11.4997,
93.2117

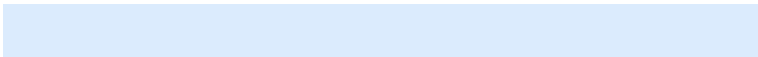
■ 18.8490, 8.8154,
92.8048

■ 17.8094, 7.4272,
92.5917

Harmonies

Analogous

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



76.7117, 81.7304, 104.2942



79.3823, 81.7304, 103.6871



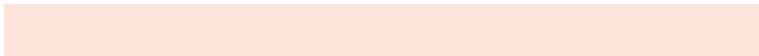
81.6457, 81.7304, 99.0130

Triad

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



79.3823, 81.7304, 103.6871



81.1073, 81.7304, 78.2875



72.7279, 81.7304, 86.2284

Complementary

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



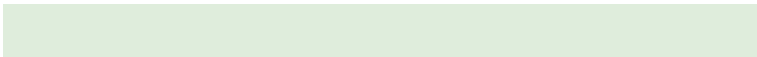
79.3823, 81.7304, 103.6871



89.0662, 95.4587, 89.3339

Split Complementary

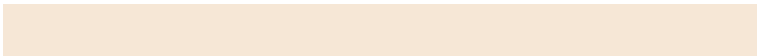
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8492, 81.7304, 79.6683



79.3823, 81.7304, 103.6871



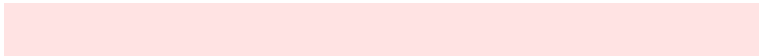
78.6610, 81.7304, 75.2622

Square

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



79.3823, 81.7304, 103.6871



82.6574, 81.7304, 84.2439



76.0067, 81.7304, 75.7527



72.9110, 81.7304, 93.9122

Rectangle

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



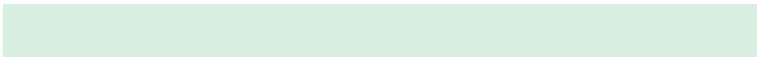
79.3823, 81.7304, 103.6871



82.6000, 81.7304, 94.3621



76.0067, 81.7304, 75.7527



72.9638, 81.7304, 83.8267

Sweetspot

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



79.3847, 81.7338, 103.6889



91.6688, 95.9860, 108.3034



85.1715, 93.5730, 104.7991



19.6563, 20.5870, 23.1876



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.



79.3847, 81.7338, 103.6889



79.0200, 80.9546, 106.0687



82.2362, 82.7858, 103.7417



16.3495, 16.7759, 21.7617



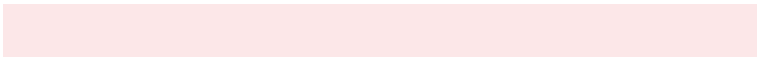
9.2506, 3.8568, 48.2304



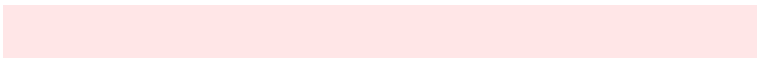
0.8794, 0.4025, 4.4745

Inverse Universe

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



83.2882, 83.6752, 88.1090



83.7819, 83.3293, 87.0612



86.0426, 94.3664, 89.2825



17.2782, 17.2386, 18.0548



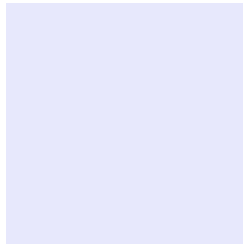
20.9613, 10.8002, 1.2387



1.9528, 1.0049, 0.1750

Previews

White Background



This preview shows how the XYZ color 79.3823, 81.7304, 103.6871 looks on a white background.

Color Contrast Check

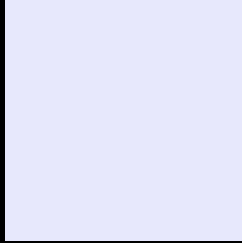
Large Text (above 18pt) WCAG AA × Fail

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 79.3823, 81.7304, 103.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

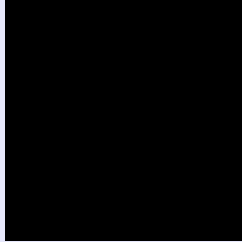
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3823, 81.7304, 103.6871

Background



This preview shows how black text looks on a background with the XYZ color 79.3823, 81.7304, 103.6871.



This preview shows how white text looks on a background with the XYZ color 79.3823, 81.7304,

103.6871.

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

79.3823, 81.7304, 103.6871

Protanopia

79.7060, 81.8973, 103.7023

Deuteranopia

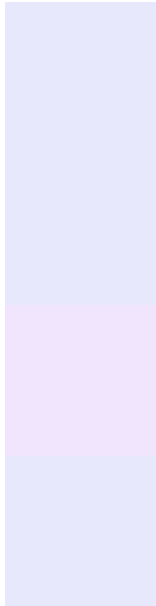
83.5565, 81.8042, 104.3144



Tritanopia

79.2242, 81.6672, 102.8546

Trichromacy



Original Color

79.3823, 81.7304, 103.6871

Protanomaly

79.7060, 81.8973, 103.7023

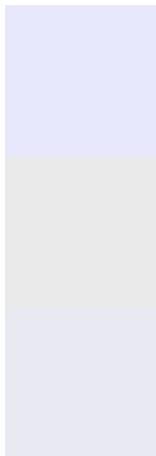
Deuteranomaly

82.0246, 81.8312, 104.4004

Tritanomaly

79.2242, 81.6672, 102.8546

Monochromacy



Original Color

79.3823, 81.7304, 103.6871

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6204, 81.9523, 94.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3823, 81.7304, 103.6871 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(231, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(231, 232, 252)  
}
```

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(231, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.3823, 81.7304, 103.6871 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(231, 232, 252) }
```


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

```
.border{ border-color:rgb(231, 232, 252) }
```

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

Here you see how a box with a 4 pixel rgb(231, 232, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(231, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3823, 81.7304, 103.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 232, 252) }
```

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

```
.background{ background-color: rgb(231,  
232, 252) }
```

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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