

Converting Colors

XYZ(78.1551, 79.0714,
101.2832)

Have a look what the booklet for
XYZ(78.1551, 79.0714, 101.2832)
contains.

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Color

**XYZ(78.3287, 79.1639,
101.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3FA
RGB	233, 227, 250
RGB Percent	91%, 89%, 98%
CMY	0.0863, 0.1098, 0.0196
CMYK	0.07, 0.09, 0.00, 0.02
HSL	256°, 70%, 94%
HSV	256°, 9%, 98%
XYZ	78.3287, 79.1639, 101.5943
YIQ	231.4160, -3.8070, 8.4250

Conversions

Conversions Part 2

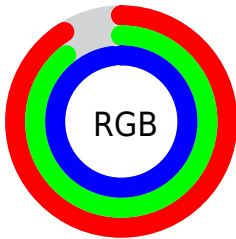
Format	Color
R _Y B	233, 227, 250
Decimal	15328250
CIE Lab	91.31, 6.24, -10.42
CIE LCh	91, 12.144, 300.911
Yxy	79.1639, 0.3023, 0.3055
Android (android.graphics.Color)	4293518330 (0xFFE9E3FA)
YUV	231.4160, 9.1619, 1.3892
Hunter-Lab	88.9741, 1.4385, -5.4179

Details

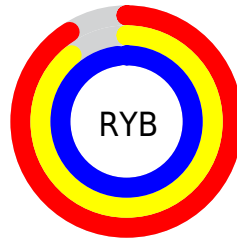
The XYZ color **78.3287, 79.1639, 101.5943** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3618, 93.1524, 86.1580**, and the grayscale version is **76.2034, 80.1719, 87.3072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6216, 42.7472, 57.0436** is the 20% darker color. If you saturate the color by 10%, you get **66.2613, 63.5204, 99.2120**, and if you desaturate by 10%, it is **92.0255, 97.1254, 104.3405**.

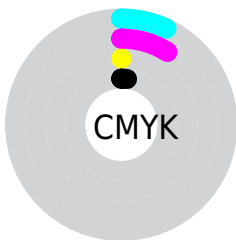
Distribution



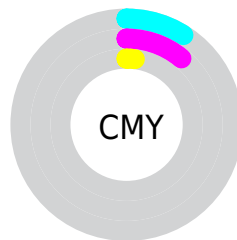
- Red (91%)
- Green (89%)
- Blue (98%)



- Red (91%)
- Yellow (89%)
- Blue (98%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3287, 79.1639, 101.5943 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 78.3287, 79.1639, 101.5943 by changing the saturation by 10% instead.

78.3287, 79.1639,
101.5943

78.3287, 79.1639,
101.5943

478.1052,
492.1106, 586.5824

58.6478, 59.0306,
77.0084

129.9763,
132.1896, 165.4173

42.5749, 42.6377,
56.7482

162.6737,
165.8507, 205.4915

29.7448, 29.6010,
40.3951

200.4405,
204.7899, 251.5656

19.7921, 19.5359,
27.5306

243.6423,
249.3916, 304.0580

12.3514, 12.0582,
17.7361

292.6443,
300.0401, 363.3874

7.0573, 6.7833,
10.5932

347.8119,

3.5446, 3.3269,

357.1198, 429.9722

5.6833

409.5104,
421.0152, 504.2310

■ 1.4479, 1.3047,
2.5878

■ 0.2900, 0.1448,
0.8862

■ 78.3287, 79.1639,
101.5943

■ 78.3287, 79.1639,
101.5943

■ 66.2613, 63.5204,
99.2120

■ 92.0255, 97.1254,
104.3405

■ 55.7542, 50.0897,
97.1734

■ 94.2556, 99.6822,
104.7165

■ 46.7438, 38.7732,
95.4640

■ 39.1593, 29.4612,
94.0664

■ 32.9237, 22.0334,
92.9613

■ 27.9525, 16.3568,
92.1276

■ 24.1506, 12.2800,
91.5411

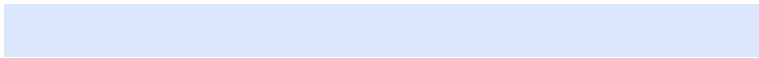
■ 21.4081, 9.6249,
91.1732

■ 19.5699, 8.1276,
90.9811

Harmonies

Analogous

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



75.3372, 79.1639, 104.3056



78.3287, 79.1639, 101.5943



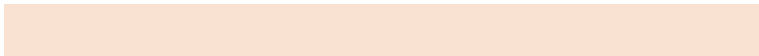
80.5417, 79.1639, 94.7142

Triad

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



78.3287, 79.1639, 101.5943



78.1612, 79.1639, 72.1980



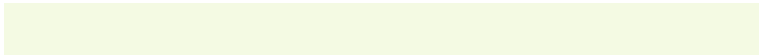
69.4712, 79.1639, 86.4661

Complementary

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



78.3287, 79.1639, 101.5943



85.3618, 93.1524, 86.1580

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.



70.1817, 79.1639, 78.2045



78.3287, 79.1639, 101.5943



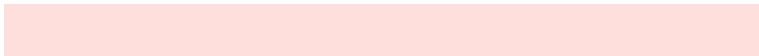
75.1487, 79.1639, 70.3141

Square

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



78.3287, 79.1639, 101.5943



80.4432, 79.1639, 77.7674



72.2393, 79.1639, 72.4380



70.2717, 79.1639, 95.2127

Rectangle

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



78.3287, 79.1639, 101.5943



81.2482, 79.1639, 88.9053



72.2393, 79.1639, 72.4380



69.5411, 79.1639, 83.5424

Sweetspot

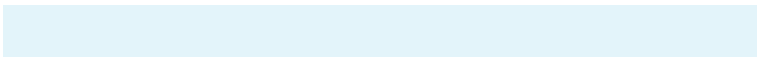
The Sweet Spot groups the original color and five complimentary colors.



78.3310, 79.1673, 101.5960



90.6079, 94.1590, 108.0067



81.3625, 88.0874, 103.1580



19.1454, 19.8279, 23.0680



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.



78.3310, 79.1673, 101.5960



79.5241, 79.6681, 105.7939



82.1220, 81.1216, 101.7735



16.7074, 16.8618, 21.7594



10.4295, 4.3193, 48.2576



1.0607, 0.4489, 4.4739

Inverse Universe

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



83.2252, 81.7973, 96.9937



85.5899, 82.9286, 100.0469



81.5760, 91.2008, 85.9808



17.7884, 17.4427, 20.7416



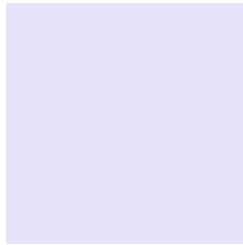
25.6081, 12.6590, 25.7086



2.4151, 1.1898, 2.6093

Previews

White Background



This preview shows how the XYZ color 78.3287, 79.1639, 101.5943 looks on a white background.

Color Contrast Check

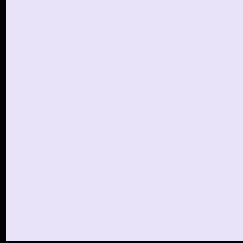
Large Text (above 18pt) WCAG AA × Fail

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 78.3287, 79.1639, 101.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

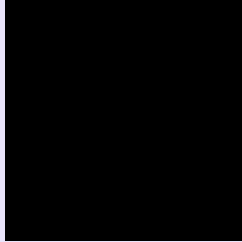
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3287, 79.1639, 101.5943

Background



This preview shows how black text looks on a background with the XYZ color 78.3287, 79.1639, 101.5943.



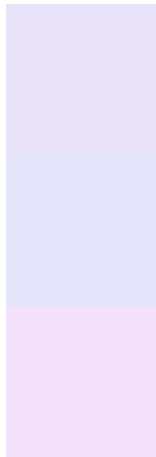
This preview shows how white text looks on a background with the XYZ color 78.3287, 79.1639,

101.5943.

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

78.3287, 79.1639, 101.5943

Protanopia

77.1509, 78.9458, 102.4386

Deuteranopia

81.0304, 79.3310, 102.3084



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

78.3287, 79.1639, 101.5943

Protanomaly

77.7891, 79.2748, 102.4684

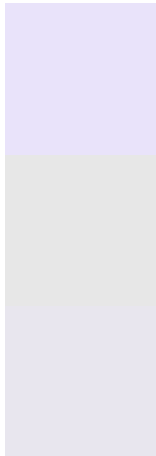
Deuteranomaly

79.9344, 79.1662, 102.3344

Tritanomaly

77.8106, 79.3580, 99.2123

Monochromacy



Original Color

78.3287, 79.1639, 101.5943

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0081, 79.9225, 92.2567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3287, 79.1639, 101.5943 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(233, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 250)  
}
```

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(233, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.3287, 79.1639, 101.5943 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(233, 227, 250) }
```


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

```
.border{ border-color:rgb(233, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3287, 79.1639, 101.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 250) }
```

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

```
.background{ background-color: rgb(233,  
227, 250) }
```

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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