

Converting Colors

XYZ(78.4874, 80.7761,
100.8541)

Have a look what the booklet for
XYZ(78.4874, 80.7761, 100.8541)
contains.

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Color

**XYZ(78.6298, 80.9803,
101.1091)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E7F9
RGB	231, 231, 249
RGB Percent	91%, 91%, 98%
CMY	0.0941, 0.0941, 0.0235
CMYK	0.07, 0.07, 0.00, 0.02
HSL	240°, 60%, 94%
HSV	240°, 7%, 98%
XYZ	78.6298, 80.9803, 101.1091
YIQ	233.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

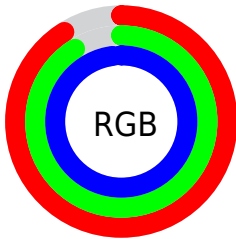
Format	Color
R _{YB}	231, 231, 249
Decimal	15198201
CIE Lab	92.12, 3.33, -8.70
CIE LCh	92, 9.318, 290.923
Yxy	80.9803, 0.3016, 0.3106
Android (android.graphics.Color)	4293388281 (0xFFE7E7F9)
YUV	233.0520, 7.8624, -1.7996
Hunter-Lab	89.9891, -1.5128, -3.6242

Details

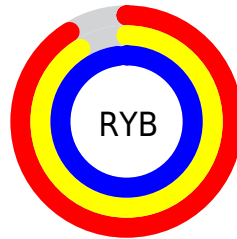
The XYZ color **78.6298, 80.9803, 101.1091** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3667, 93.6599, 89.0762**, and the grayscale version is **77.4391, 81.4719, 88.7229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6348, 43.6242, 56.6253** is the 20% darker color. If you saturate the color by 10%, you get **64.6788, 64.1716, 98.6012**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8928**.

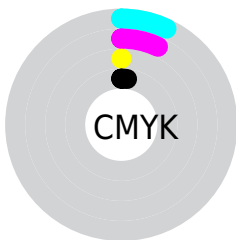
Distribution



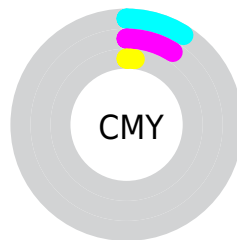
- Red (91%)
- Green (91%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6298, 80.9803, 101.1091 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 78.6298, 80.9803, 101.1091 by changing the saturation by 10% instead.

■ 78.6298, 80.9803,
101.1091

■ 78.6298, 80.9803,
101.1091

479.1102,
498.2304, 585.0197

■ 58.8961, 60.5254,
76.6051

130.3982,
134.7431, 164.7457

■ 42.7755, 43.8422,
56.4192

163.1637,
168.8198, 204.7153

■ 29.9028, 30.5465,
40.1329

201.0037,
208.2058, 250.6772

■ 19.9125, 20.2538,
27.3276

244.2836,
253.2856, 303.0499

■ 12.4394, 12.5796,
17.5848

293.3689,
304.4436, 362.2520

■ 7.1180, 7.1397,
10.4859

348.6249,

■ 3.5830, 3.5496,

362.0641, 428.7019

5.6125

410.4169,
426.5316, 502.8183

■ 1.4690, 1.4250,
2.5460

■ 0.3046, 0.2350,
0.8644

■ 78.6298, 80.9803,
101.1091

■ 78.6298, 80.9803,
101.1091

■ 64.6788, 64.1716,
98.6012

■ 94.0991, 99.6197,
103.8928

■ 52.7700, 49.8228,
96.4593

■ 42.8099, 37.8218,
94.6678

■ 34.6948, 28.0436,
93.2082

■ 28.3113, 20.3518,
92.0599

■ 23.5339, 14.5950,
91.2006

■ 20.2196, 10.6011,
90.6043

■ 18.2009, 8.1681,
90.2411

■ 17.2609, 7.0350,
90.0720

Harmonies

Analogous

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



76.2433, 80.9803, 101.8848



78.6298, 80.9803, 101.1091



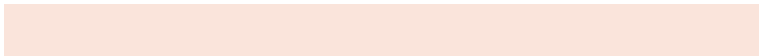
80.6091, 80.9803, 96.7735

Triad

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



78.6298, 80.9803, 101.1091



79.9163, 80.9803, 78.3030



72.5000, 80.9803, 86.1043

Complementary

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



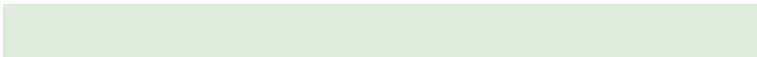
78.6298, 80.9803, 101.1091



87.3667, 93.6599, 89.0762

Split Complementary

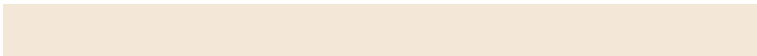
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4408, 80.9803, 80.0992



78.6298, 80.9803, 101.1091



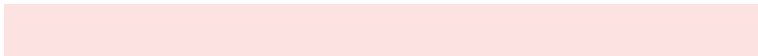
77.7000, 80.9803, 75.7516

Square

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



78.6298, 80.9803, 101.1091



81.3626, 80.9803, 83.5359



75.3324, 80.9803, 76.3916



72.7372, 80.9803, 92.9802

Rectangle

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



78.6298, 80.9803, 101.1091



81.4154, 80.9803, 92.5661



75.3324, 80.9803, 76.3916



72.6882, 80.9803, 83.9227

Sweetspot

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



78.6322, 80.9837, 101.1109



91.5934, 95.8352, 108.2783



83.8842, 91.5625, 102.6309



19.6409, 20.5563, 23.1825



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.



78.6322, 80.9837, 101.1109



80.2168, 82.1280, 106.2321



81.5096, 82.4657, 101.2453



16.2834, 16.6436, 21.7396



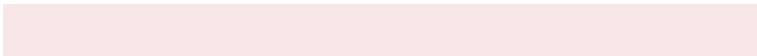
9.1532, 3.6619, 48.1979



0.8478, 0.3393, 4.4640

Inverse Universe

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



82.0685, 83.0628, 87.3125



84.6839, 84.8307, 88.2950



84.3380, 92.1001, 88.9348



17.2448, 17.2253, 17.8790



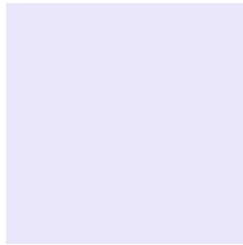
20.9121, 10.7806, 0.9797



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 78.6298, 80.9803, 101.1091 looks on a white background.

Color Contrast Check

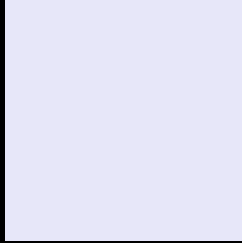
Large Text (above 18pt) WCAG AA × Fail

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 78.6298, 80.9803, 101.1091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

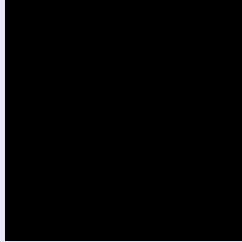
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6298, 80.9803, 101.1091

Background



This preview shows how black text looks on a background with the XYZ color 78.6298, 80.9803, 101.1091.



This preview shows how white text looks on a background with the XYZ color 78.6298, 80.9803,

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

78.6298, 80.9803, 101.1091

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

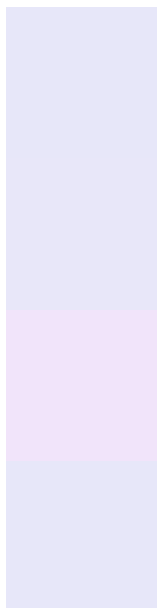
82.8094, 81.0690, 101.7258



Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

78.6298, 80.9803, 101.1091

Protanomaly

78.9535, 81.1472, 101.1242

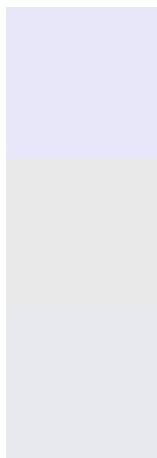
Deuteranomaly

81.2743, 81.0897, 101.8107

Tritanomaly

78.6298, 80.9803, 101.1091

Monochromacy



Original Color

78.6298, 80.9803, 101.1091

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7153, 81.1010, 93.2194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6298, 80.9803, 101.1091 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, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 249)  
}
```

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, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.6298, 80.9803, 101.1091 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, 231, 249) }
```


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

```
.border{ border-color:rgb(231, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(231, 231,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6298, 80.9803, 101.1091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 249) }
```

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

```
.background{ background-color: rgb(231,  
231, 249) }
```

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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