

Converting Colors

XYZ(81.6924, 84.2360,
101.9892)

Have a look what the booklet for
XYZ(81.6924, 84.2360, 101.9892)
contains.

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Color

**XYZ(81.8887, 84.3233,
102.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBFA
RGB	237, 235, 250
RGB Percent	93%, 92%, 98%
CMY	0.0706, 0.0784, 0.0196
CMYK	0.05, 0.06, 0.00, 0.02
HSL	248°, 60%, 95%
HSV	248°, 6%, 98%
XYZ	81.8887, 84.3233, 102.4025
YIQ	237.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

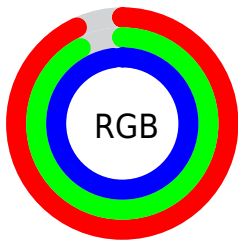
Format	Color
R _Y B	237, 235, 250
Decimal	15592442
CIE Lab	93.59, 3.40, -7.00
CIE LCh	94, 7.782, 295.888
Yxy	84.3233, 0.3049, 0.3139
Android (android.graphics.Color)	4293782522 (0xFFEDEBFA)
YUV	237.3080, 6.2572, -0.2701
Hunter-Lab	91.8277, -1.5185, -1.8384

Details

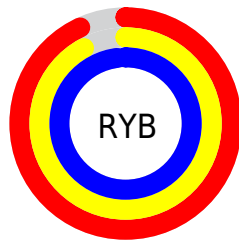
The XYZ color **81.8887, 84.3233, 102.4025** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8955, 94.3281, 92.1760**, and the grayscale version is **80.6909, 84.8931, 92.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9138, 45.9590, 57.5427** is the 20% darker color. If you saturate the color by 10%, you get **68.4248, 67.4951, 99.8652**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

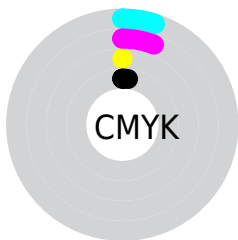
Distribution



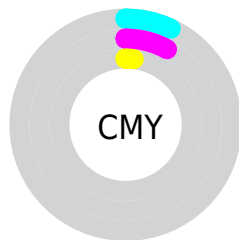
- Red (93%)
- Green (92%)
- Blue (98%)



- Red (93%)
- Yellow (92%)
- Blue (98%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8887, 84.3233, 102.4025 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 81.8887, 84.3233, 102.4025 by changing the saturation by 10% instead.

81.8887, 84.3233,
102.4025

81.8887, 84.3233,
102.4025

489.9155,
509.3862, 589.1805

61.5876, 63.2824,
77.6804

134.9545,
139.4273, 166.5355

44.9539, 46.0697,
57.2966

168.4500,
174.2593, 206.7834

31.6222, 32.3008,
40.8325

207.0743,
214.4570, 253.0438

21.2273, 21.5914,
27.8695

251.1927,
260.4049, 305.7351

13.4036, 13.5570,
17.9891

301.1707,
312.4873, 365.2759

7.7860, 7.8132,
10.7728

357.3736,

4.0090, 3.9756,

371.0888, 432.0847

5.8020

420.1667,
436.5936, 506.5800

■ 1.7072, 1.6599,
2.6582

■ 0.4608, 0.3975,
0.9223

■ 81.8887, 84.3233,
102.4025

■ 81.8887, 84.3233,
102.4025

■ 68.4248, 67.4951,
99.8652

94.2556, 99.6822,
104.7166

■ 56.7661, 53.0265,
97.6870

■ 46.8374, 40.8147,
95.8532

■ 38.5558, 30.7454,
94.3461

■ 31.8310, 22.6943,
93.1465

■ 26.5643, 16.5239,
92.2331

■ 22.6451, 12.0797,
91.5818

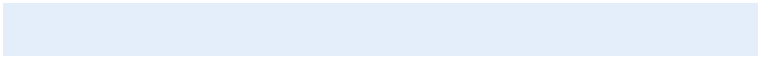
■ 19.9469, 9.1820,
91.1648

■ 18.3171, 7.6107,
90.9473

Harmonies

Analogous

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



79.8631, 84.3233, 103.6001



81.8887, 84.3233, 102.4025



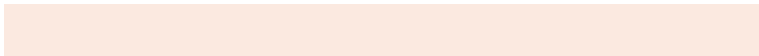
83.4713, 84.3233, 98.3239

Triad

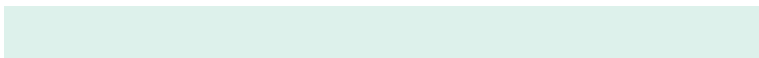
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8887, 84.3233, 102.4025



82.3888, 84.3233, 82.7379



76.2604, 84.3233, 91.0026

Complementary

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



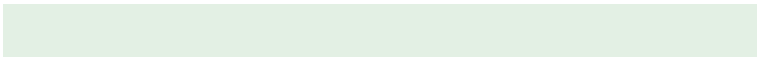
81.8887, 84.3233, 102.4025



87.8955, 94.3281, 92.1760

Split Complementary

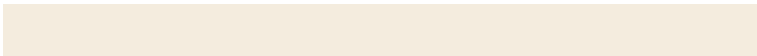
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9117, 84.3233, 85.5975



81.8887, 84.3233, 102.4025



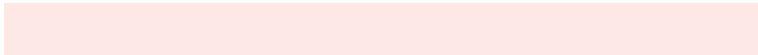
80.4312, 84.3233, 80.9571

Square

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



81.8887, 84.3233, 102.4025



83.7635, 84.3233, 86.9492



78.4297, 84.3233, 81.9813



76.6357, 84.3233, 96.8564

Rectangle

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



81.8887, 84.3233, 102.4025



84.0500, 84.3233, 94.6076



78.4297, 84.3233, 81.9813



76.3663, 84.3233, 89.0754

Sweetspot

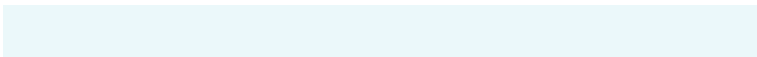
The Sweet Spot groups the original color and five complimentary colors.



81.8912, 84.3269, 102.4044



91.8367, 95.9602, 108.2896



85.1633, 91.8552, 103.6850



19.6905, 20.5817, 23.1848



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.



81.8912, 84.3269, 102.4044



84.1522, 86.3177, 106.8334



84.3616, 85.6004, 102.5200



17.0643, 17.4629, 21.8566



9.5567, 3.8693, 48.2167



0.9497, 0.3917, 4.4687

Inverse Universe

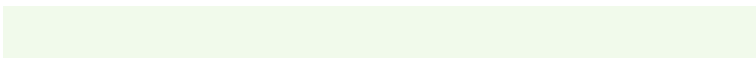
The Inverse Universe completely reimagines the original color for something new.



86.0789, 86.5217, 100.9747



89.2373, 88.9832, 105.0866



85.3740, 93.0282, 92.0580



18.1897, 18.0528, 21.4686



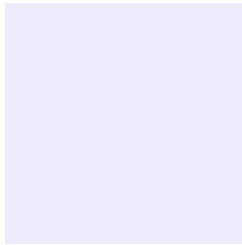
27.5748, 13.4456, 36.0647



2.5806, 1.2560, 3.4809

Previews

White Background



This preview shows how the XYZ color 81.8887, 84.3233, 102.4025 looks on a white background.

Color Contrast Check

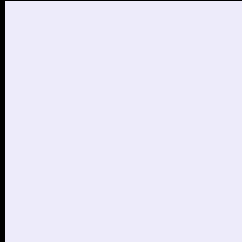
Large Text (above 18pt) WCAG AA × Fail

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 81.8887, 84.3233, 102.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

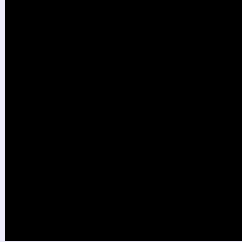
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8887, 84.3233, 102.4025

Background



This preview shows how black text looks on a background with the XYZ color 81.8887, 84.3233, 102.4025.



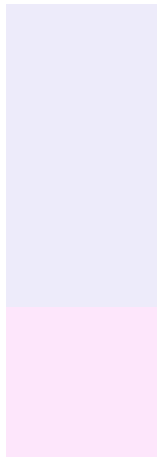
This preview shows how white text looks on a background with the XYZ color 81.8887, 84.3233,

102.4025.

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

81.8887, 84.3233, 102.4025

Protanopia

81.8887, 84.3233, 102.4025

Deuteranopia

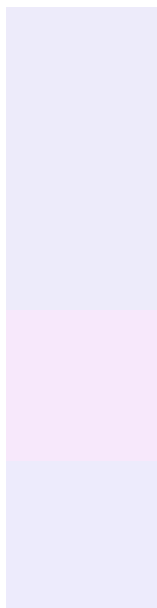
86.2174, 84.4413, 103.0214



Tritanopia

82.3630, 84.5130, 104.9002

Trichromacy



Original Color

81.8887, 84.3233, 102.4025

Protanomaly

81.8887, 84.3233, 102.4025

Deuteranomaly

84.6270, 84.4524, 103.1074

Tritanomaly

82.2041, 84.4495, 104.0632

Monochromacy



Original Color

81.8887, 84.3233, 102.4025

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9475, 84.4062, 96.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8887, 84.3233, 102.4025 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(237, 235, 250) looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 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(237, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.8887, 84.3233, 102.4025 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(237, 235, 250) }
```


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

```
.border{ border-color:rgb(237, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8887, 84.3233, 102.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 250) }
```

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

```
.background{ background-color: rgb(237,  
235, 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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