

Converting Colors

XYZ(81.3193, 83.1845,
102.2127)

Have a look what the booklet for
XYZ(81.3193, 83.1845, 102.2127)
contains.

XYZ(81.3193, 83.1845, 102.2127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.3193, 83.1845,
102.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE9FA
RGB	237, 233, 250
RGB Percent	93%, 91%, 98%
CMY	0.0706, 0.0863, 0.0196
CMYK	0.05, 0.07, 0.00, 0.02
HSL	254°, 63%, 95%
HSV	254°, 7%, 98%
XYZ	81.3193, 83.1845, 102.2127
YIQ	236.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

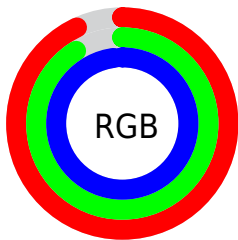
Format	Color
R _Y B	237, 233, 250
Decimal	15591930
CIE Lab	93.10, 4.43, -7.73
CIE LCh	93, 8.913, 299.794
Yxy	83.1845, 0.3049, 0.3119
Android (android.graphics.Color)	4293782010 (0xFFE9E9FA)
YUV	236.1340, 6.8359, 0.7595
Hunter-Lab	91.2055, -0.4582, -2.6016

Details

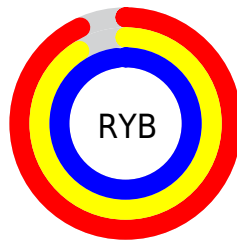
The XYZ color **81.3193, 83.1845, 102.2127** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.9027, 93.8494, 90.6294**, and the grayscale version is **79.7845, 83.9395, 91.4101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5158, 45.1631, 57.4100** is the 20% darker color. If you saturate the color by 10%, you get **68.6904, 66.9036, 99.7370**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7165**.

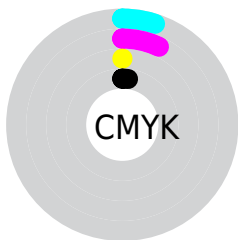
Distribution



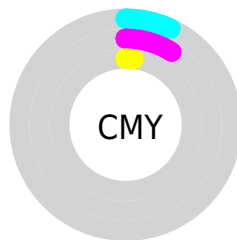
- Red (93%)
- Green (91%)
- Blue (98%)



- Red (93%)
- Yellow (91%)
- Blue (98%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3193, 83.1845, 102.2127 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 81.3193, 83.1845, 102.2127 by changing the saturation by 10% instead.

81.3193, 83.1845,
102.2127

81.3193, 83.1845,
102.2127

488.0370,
505.6012, 588.5709

61.1168, 62.3424,
77.5226

134.1598,
137.8338, 166.2730

44.5723, 45.3094,
57.1678

167.5286,
172.4098, 206.4802

31.3205, 31.7012,
40.7297

206.0168,
212.3326, 252.6969

20.9961, 21.1334,
27.7898

249.9898,
257.9864, 305.3415

13.2336, 13.2215,
17.9296

299.8129,
309.7558, 364.8327

7.6677, 7.5813,
10.7306

355.8516,

3.9331, 3.8282,

368.0252, 431.5890

5.7741

418.4712,
433.1788, 506.0289

■ 1.6643, 1.5779,
2.6416

■ 0.4338, 0.3427,
0.9138

■ 81.3193, 83.1845,
102.2127

■ 81.3193, 83.1845,
102.2127

■ 68.6904, 66.9036,
99.7370

94.2556, 99.6822,
104.7165

■ 57.6793, 52.8804,
97.6107

■ 48.2212, 41.0174,
95.8194

■ 40.2441, 31.2054,
94.3459

■ 33.6701, 23.3256,
93.1714

■ 28.4137, 17.2469,
92.2752

■ 24.3796, 12.8212,
91.6335

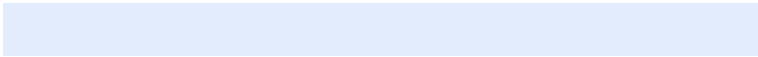
■ 21.4582, 9.8763,
91.2191

■ 19.5162, 8.1966,
90.9972

Harmonies

Analogous

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



79.0482, 83.1845, 104.0685



81.3193, 83.1845, 102.2127



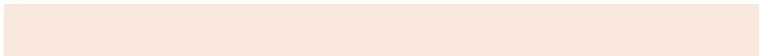
83.0136, 83.1845, 97.2069

Triad

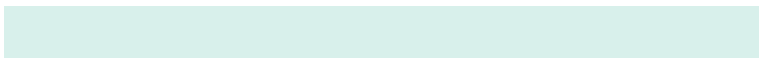
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3193, 83.1845, 102.2127



81.3478, 83.1845, 79.8962



74.6535, 83.1845, 90.5276

Complementary

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



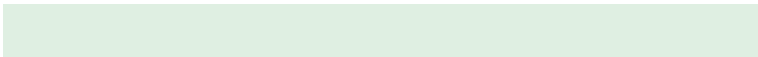
81.3193, 83.1845, 102.2127



86.9027, 93.8494, 90.6294

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.



75.2424, 83.1845, 84.2495



81.3193, 83.1845, 102.2127



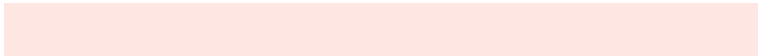
79.0805, 83.1845, 78.2992

Square

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



81.3193, 83.1845, 102.2127



83.0302, 83.1845, 84.3257



76.8515, 83.1845, 79.8537



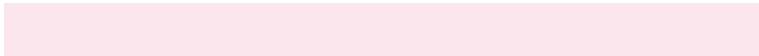
75.2268, 83.1845, 97.1231

Rectangle

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



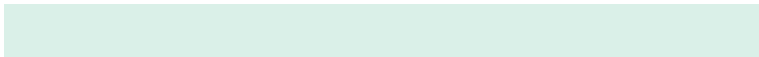
81.3193, 83.1845, 102.2127



83.5719, 83.1845, 92.8742



76.8515, 83.1845, 79.8537



74.7219, 83.1845, 88.3117

Sweetspot

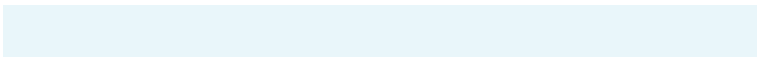
The Sweet Spot groups the original color and five complimentary colors.



81.3217, 83.1880, 102.2145



92.0239, 96.0567, 108.2984



83.8283, 90.1601, 103.4282



19.7286, 20.6014, 23.1866



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.



81.3217, 83.1880, 102.2145



83.3746, 84.8277, 106.5868



84.2162, 84.6802, 102.3500



16.6650, 16.8399, 21.7574



10.2074, 4.2048, 48.2472



1.0349, 0.4356, 4.4727

Inverse Universe

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



85.2007, 85.2594, 99.1591



88.1211, 87.3628, 102.8279



83.9998, 92.3529, 90.4936



17.8082, 17.4507, 20.8460



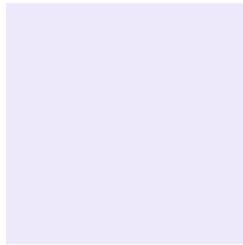
25.9712, 12.8042, 27.6206



2.4461, 1.2022, 2.7724

Previews

White Background



This preview shows how the XYZ color 81.3193, 83.1845, 102.2127 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 81.3193, 83.1845, 102.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

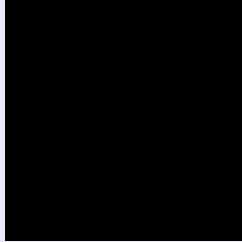
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3193, 83.1845, 102.2127

Background



This preview shows how black text looks on a background with the XYZ color 81.3193, 83.1845, 102.2127.



This preview shows how white text looks on a background with the XYZ color 81.3193, 83.1845,

102.2127.

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

81.3193, 83.1845, 102.2127

Protanopia

80.9391, 83.4099, 102.2763

Deuteranopia

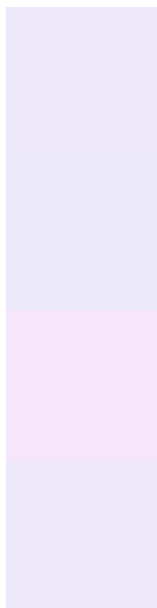
84.9397, 82.9611, 102.8031



Tritanopia

81.4766, 83.2474, 103.0409

Trichromacy



Original Color

81.3193, 83.1845, 102.2127

Protanomaly

81.2702, 83.5806, 102.2918

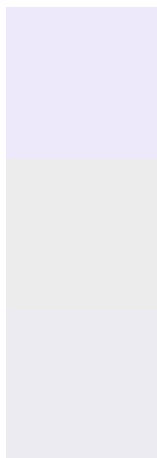
Deuteranomaly

83.7154, 83.1515, 102.9044

Tritanomaly

81.4766, 83.2474, 103.0409

Monochromacy



Original Color

81.3193, 83.1845, 102.2127

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1776, 83.6004, 95.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3193, 83.1845, 102.2127 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, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 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, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.3193, 83.1845, 102.2127 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, 233, 250) }
```


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

```
.border{ border-color:rgb(237, 233, 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, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 233,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3193, 83.1845, 102.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 250) }
```

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

```
.background{ background-color: rgb(237,  
233, 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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