

Converting Colors

XYZ(80.3835, 83.3840, 99.9441)

Have a look what the booklet for
XYZ(80.3835, 83.3840, 99.9441)
contains.

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Color

**XYZ(80.1430, 83.0535,
99.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEAF7
RGB	234, 234, 247
RGB Percent	92%, 92%, 97%
CMY	0.0823, 0.0823, 0.0314
CMYK	0.05, 0.05, 0.00, 0.03
HSL	240°, 45%, 94%
HSV	240°, 5%, 97%
XYZ	80.1430, 83.0535, 99.8026
YIQ	235.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

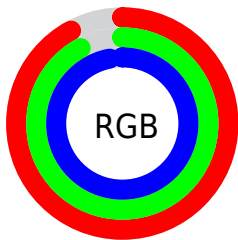
Format	Color
RYB	234, 234, 247
Decimal	15395575
CIELab	93.04, 2.38, -6.28
CIELCh	93, 6.716, 290.716
Yxy	83.0535, 0.3047, 0.3158
Android (android.graphics.Color)	4293585655 (0xFFEAEAF7)
YUV	235.4820, 5.6784, -1.2997
Hunter-Lab	91.1337, -2.5110, -1.1363

Details

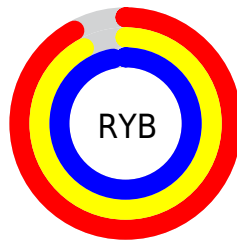
The XYZ color **80.1430, 83.0535, 99.8026** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4699, 92.2352, 91.0890**, and the grayscale version is **79.2954, 83.4249, 90.8497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6845, 45.0674, 55.6867** is the 20% darker color. If you saturate the color by 10%, you get **66.0459, 66.0693, 97.2686**, and if you desaturate by 10%, it is **93.7887, 99.4955, 102.2583**.

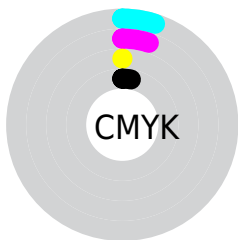
Distribution



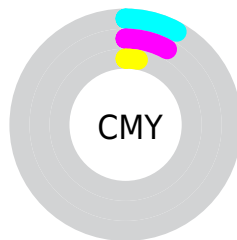
- Red (92%)
- Green (92%)
- Blue (97%)



- Red (92%)
- Yellow (92%)
- Blue (97%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1430, 83.0535, 99.8026 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 80.1430, 83.0535, 99.8026 by changing the saturation by 10% instead.

80.1430, 83.0535,
99.8026

80.1430, 83.0535,
99.8026

484.1438,
505.1648, 580.8009

60.1449, 62.2343,
75.5197

132.5162,
137.6504, 162.9354

43.7854, 45.2220,
55.5345

165.6221,
172.1969, 202.6224

30.6990, 31.6324,
39.4283

203.8279,
212.0879, 248.2812

20.5204, 21.0808,
26.7827

247.4990,
257.7078, 300.3303

12.8844, 13.1831,
17.1791

297.0008,
309.4411, 359.1883

7.4254, 7.5548,
10.1990

352.6987,

3.7782, 3.8114,

367.6721, 425.2737

5.4237

414.9579,
432.7852, 499.0050

■ 1.5775, 1.5686,
2.4349

■ 0.3776, 0.3363,
0.8054

■ 80.1430, 83.0535,
99.8026

■ 80.1430, 83.0535,
99.8026

■ 66.0459, 66.0693,
97.2686

■ 93.7887, 99.4955,
102.2583

■ 53.9698, 51.5193,
95.0966

■ 43.8243, 39.2951,
93.2719

■ 35.5094, 29.2764,
91.7763

■ 28.9161, 21.3317,
90.5903

■ 23.9238, 15.3158,
89.6923

■ 20.3964, 11.0648,
89.0576

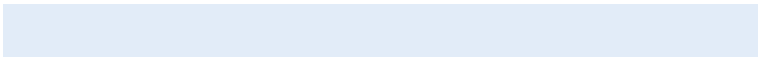
■ 18.1753, 8.3877,
88.6580

■ 17.0649, 7.0489,
88.4581

Harmonies

Analogous

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



78.3952, 83.0535, 100.3372



80.1430, 83.0535, 99.8026



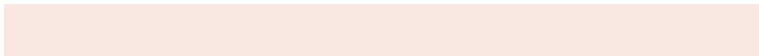
81.5883, 83.0535, 96.7075

Triad

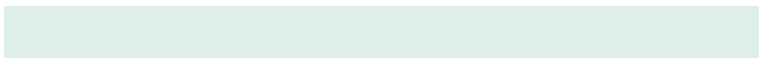
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1430, 83.0535, 99.8026



81.1020, 83.0535, 83.1350



75.6470, 83.0535, 88.8766

Complementary

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



80.1430, 83.0535, 99.8026



86.4699, 92.2352, 91.0890

Split Complementary

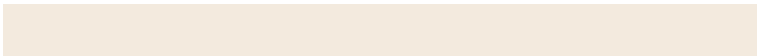
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3494, 83.0535, 84.4324



80.1430, 83.0535, 99.8026



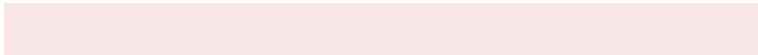
79.4871, 83.0535, 81.1996

Square

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



80.1430, 83.0535, 99.8026



82.1477, 83.0535, 87.0459



77.7488, 83.0535, 81.6655



75.8167, 83.0535, 93.9030

Rectangle

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



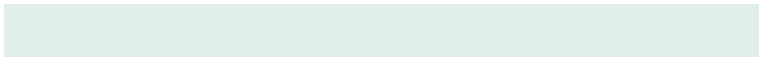
80.1430, 83.0535, 99.8026



82.1774, 83.0535, 93.6698



77.7488, 83.0535, 81.6655



75.7885, 83.0535, 87.2680

Sweetspot

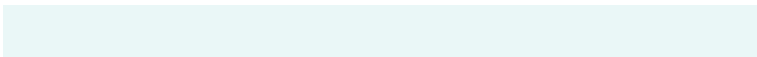
The Sweet Spot groups the original color and five complimentary colors.



80.1454, 83.0570, 99.8044



91.5935, 95.8355, 108.2784



83.9488, 90.7173, 100.9074



19.6410, 20.5564, 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.



80.1454, 83.0570, 99.8044



84.9566, 87.8391, 107.0847



82.2441, 84.1373, 99.9023



16.4540, 16.9786, 20.9525



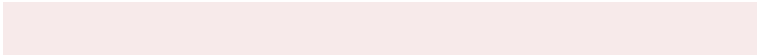
8.8795, 3.5527, 46.7558



0.7806, 0.3125, 4.1094

Inverse Universe

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



82.6337, 84.5619, 89.8129



87.9961, 89.6774, 94.8797



84.2923, 91.1143, 90.9874



17.1090, 17.3747, 18.3222



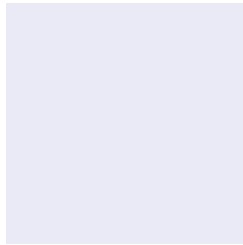
20.2865, 10.4580, 0.9509



1.7830, 0.9192, 0.0839

Previews

White Background



This preview shows how the XYZ color 80.1430, 83.0535, 99.8026 looks on a white background.

Color Contrast Check

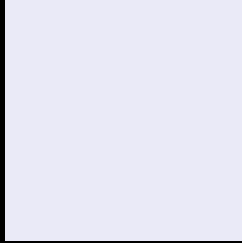
Large Text (above 18pt) WCAG AA × Fail

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 80.1430, 83.0535, 99.8026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

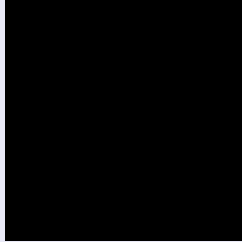
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

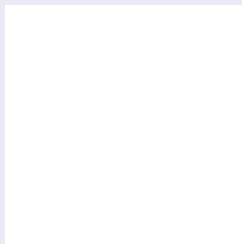
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.1430, 83.0535, 99.8026

Background



This preview shows how black text looks on a background with the XYZ color 80.1430, 83.0535, 99.8026.



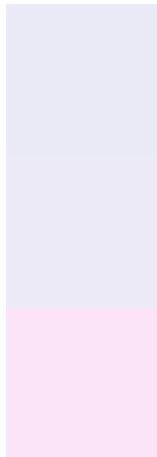
This preview shows how white text looks on a background with the XYZ color 80.1430, 83.0535,

99.8026.

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

80.1430, 83.0535, 99.8026

Protanopia

80.8034, 83.3939, 99.8335

Deuteranopia

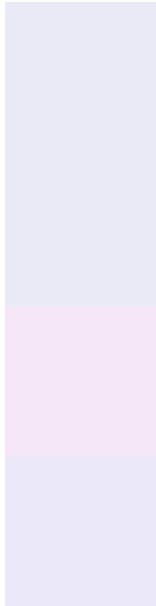
84.8316, 82.9596, 100.3486



Tritanopia

80.9706, 82.9683, 103.8423

Trichromacy



Original Color

80.1430, 83.0535, 99.8026

Protanomaly

80.4723, 83.2232, 99.8180

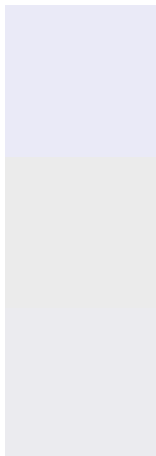
Deuteranomaly

82.8963, 82.7834, 100.4166

Tritanomaly

80.6552, 82.8421, 102.1816

Monochromacy



Original Color

80.1430, 83.0535, 99.8026

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.5493, 83.3108, 93.5493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1430, 83.0535, 99.8026 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(234, 234, 247) looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 247)  
}
```

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(234, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.1430, 83.0535, 99.8026 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(234, 234, 247) }
```


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

```
.border{ border-color:rgb(234, 234, 247) }
```

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

Here you see how a box with a 4 pixel rgb(234, 234, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1430, 83.0535, 99.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 247) }
```

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

```
.background{ background-color: rgb(234,  
234, 247) }
```

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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