

Converting Colors

XYZ(80.0711, 81.4154, 96.2886)

Have a look what the booklet for
XYZ(80.0711, 81.4154, 96.2886)
contains.

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Color

**XYZ(80.0711, 81.4154,
96.2886)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE6F3
RGB	239, 230, 243
RGB Percent	94%, 90%, 95%
CMY	0.0627, 0.0980, 0.0471
CMYK	0.02, 0.05, 0.00, 0.05
HSL	282°, 35%, 93%
HSV	282°, 5%, 95%
XYZ	80.0711, 81.4154, 96.2886
YIQ	234.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

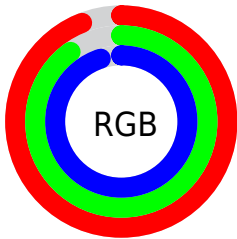
Format	Color
R _{YB}	239, 230, 243
Decimal	15722227
CIE Lab	92.32, 5.34, -5.22
CIE LCh	92, 7.470, 315.685
Yxy	81.4154, 0.3106, 0.3158
Android (android.graphics.Color)	4293912307 (0xFFEFE6F3)
YUV	234.1730, 4.3517, 4.2333
Hunter-Lab	90.2305, 0.4987, -0.1094

Details

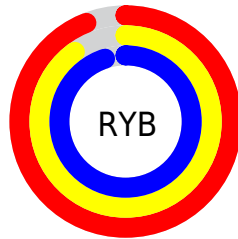
The XYZ color **80.0711, 81.4154, 96.2886** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2682, 87.3090, 87.4887**, and the grayscale version is **78.3072, 82.3853, 89.7176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8281, 44.3151, 53.2574** is the 20% darker color. If you saturate the color by 10%, you get **71.3024, 67.5481, 94.0753**, and if you desaturate by 10%, it is **89.8917, 97.2288, 98.8245**.

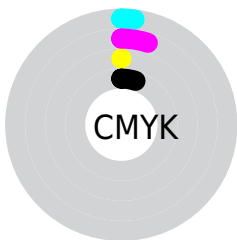
Distribution



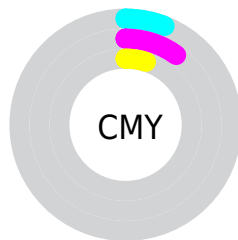
- Red (94%)
- Green (90%)
- Blue (95%)



- Red (94%)
- Yellow (90%)
- Blue (95%)



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



- Cyan (6%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0711, 81.4154, 96.2886 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 80.0711, 81.4154, 96.2886 by changing the saturation by 10% instead.

80.0711, 81.4154,
96.2886

80.0711, 81.4154,
96.2886

483.9053,
499.6901, 569.3715

60.0855, 60.8838,
72.6051

132.4157,
135.3539, 158.0545

43.7373, 44.1314,
53.1633

165.5054,
169.5295, 196.9741

30.6611, 30.7738,
37.5445

203.6939,
209.0220, 241.8094

20.4915, 20.4267,
25.3303

247.3465,
254.2157, 292.9790

12.8631, 12.7056,
16.1020

296.8286,
305.4949, 350.9015

7.4107, 7.2261,
9.4413

352.5055,

3.7689, 3.6039,

363.2441, 415.9954

4.9294

414.7427,
427.8477, 488.6792

■ 1.5722, 1.4546,
2.1479

■ 0.3742, 0.2564,
0.6440

■ 80.0711, 81.4154,
96.2886

■ 80.0711, 81.4154,
96.2886

■ 71.3024, 67.5481,
94.0753

■ 89.8917, 97.2288,
98.8245

■ 63.5384, 55.5382,
92.1664

■ 92.7962, 99.0544,
99.0238

■ 56.7388, 45.3058,
90.5497

■ 93.1779, 99.2512,
99.0417

■ 50.8576, 36.7607,
89.2103

■ 45.8448, 29.8049,
88.1319

■ 41.6452, 24.3299,
87.2965

■ 38.1966, 20.2135,
86.6837

■ 35.4267, 17.3131,
86.2699

■ 33.2467, 15.4533,
86.0258

Harmonies

Analogous

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



78.3914, 81.4154, 99.2885



80.0711, 81.4154, 96.2886



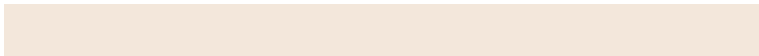
81.0380, 81.4154, 91.3038

Triad

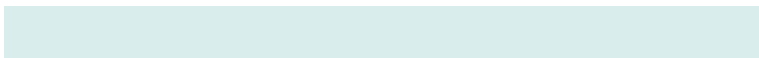
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0711, 81.4154, 96.2886



78.3049, 81.4154, 78.7345



73.8617, 81.4154, 91.5546

Complementary

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



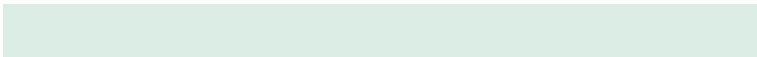
80.0711, 81.4154, 96.2886



80.2682, 87.3090, 87.4887

Split Complementary

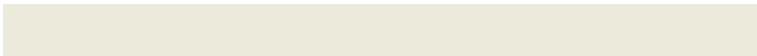
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8394, 81.4154, 86.0433



80.0711, 81.4154, 96.2886



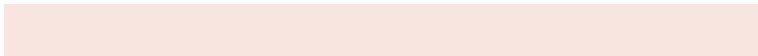
76.3831, 81.4154, 78.7954

Square

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



80.0711, 81.4154, 96.2886



80.0069, 81.4154, 81.2519



74.7555, 81.4154, 81.4218



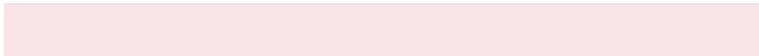
74.8169, 81.4154, 96.4788

Rectangle

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



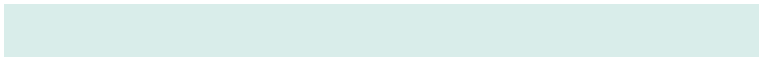
80.0711, 81.4154, 96.2886



81.1381, 81.4154, 87.5979



74.7555, 81.4154, 81.4218



73.7453, 81.4154, 89.7055

Sweetspot

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



80.0735, 81.4189, 96.2904



92.8694, 96.4926, 108.3379



78.2701, 82.2096, 96.5380



19.9008, 20.6901, 23.1947



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.



80.0735, 81.4189, 96.2904



88.6506, 89.7415, 107.2572



81.0814, 81.9798, 94.4712



17.2490, 17.3880, 20.9897



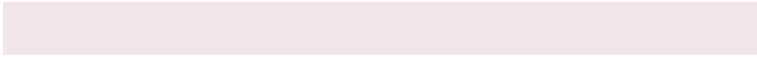
17.9106, 8.2076, 47.1783



1.6789, 0.7754, 4.1514

Inverse Universe

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



80.1131, 81.5925, 89.3725



88.7032, 89.9602, 98.6028



79.3067, 86.7743, 89.2025



17.2609, 17.4355, 19.1220



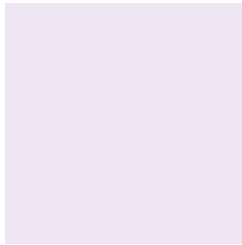
21.0320, 10.7562, 4.8768



1.8926, 0.9630, 0.6606

Previews

White Background



This preview shows how the XYZ color 80.0711, 81.4154, 96.2886 looks on a white background.

Color Contrast Check

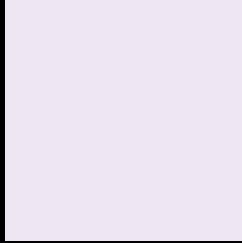
Large Text (above 18pt) WCAG AA × Fail

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 80.0711, 81.4154, 96.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

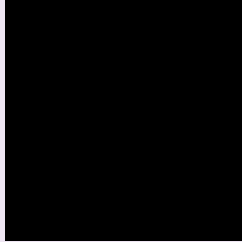
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

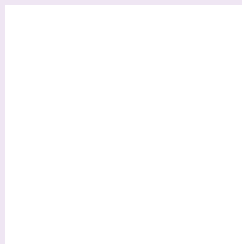
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0711, 81.4154, 96.2886

Background



This preview shows how black text looks on a background with the XYZ color 80.0711, 81.4154, 96.2886.



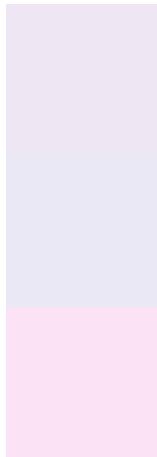
This preview shows how white text looks on a background with the XYZ color 80.0711, 81.4154,

96.2886.

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

80.0711, 81.4154, 96.2886

Protanopia

79.1174, 81.7373, 97.1949

Deuteranopia

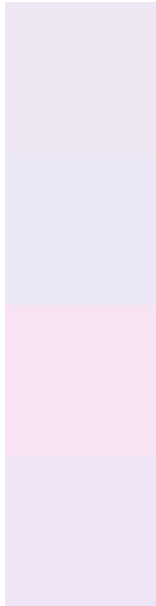
83.3092, 81.4336, 96.9153



Tritanopia

80.7430, 81.2793, 99.4285

Trichromacy



Original Color

80.0711, 81.4154, 96.2886

Protanomaly

79.4971, 81.5163, 97.1322

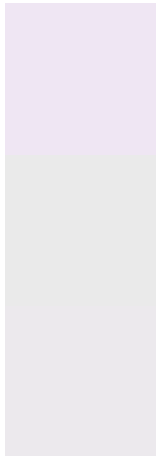
Deuteranomaly

82.1560, 81.2440, 96.9395

Tritanomaly

80.5890, 81.2177, 98.6179

Monochromacy



Original Color

80.0711, 81.4154, 96.2886

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.0170, 82.2251, 91.8272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0711, 81.4154, 96.2886 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(239, 230, 243) looks like.

```
.text, #text, p{  
    color:rgb(239, 230, 243)  
}
```

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(239, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 80.0711, 81.4154, 96.2886 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(239, 230, 243) }
```


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

```
.border{ border-color:rgb(239, 230, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 230, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0711, 81.4154, 96.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 230, 243) }
```

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

```
.background{ background-color: rgb(239,  
230, 243) }
```

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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