

Converting Colors

XYZ(81.0165, 80.9837,
105.9691)

Have a look what the booklet for
XYZ(81.0165, 80.9837, 105.9691)
contains.

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Color

**XYZ(81.0533, 80.8839,
105.9479)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEE4FF |
| RGB | 238, 228, 255 |
| RGB Percent | 93%, 89%, 100% |
| CMY | 0.0667, 0.1059, 0.0000 |
| CMYK | 0.07, 0.11, 0.00, 0.00 |
| HSL | 262°, 100%, 95% |
| HSV | 262°, 11%, 100% |
| XYZ | 81.0533, 80.8839, 105.9479 |
| YIQ | 234.0680, -2.7070, 10.5170 |

Conversions

Conversions Part 2

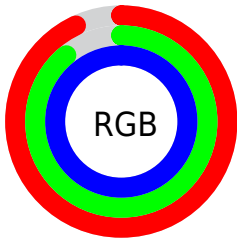
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 238, 228, 255 |
| Decimal | 15656191 |
| CIE Lab | 92.08, 8.29, -11.84 |
| CIE LCh | 92, 14.453, 304.982 |
| Yxy | 80.8839, 0.3026, 0.3019 |
| Android (android.graphics.Color) | 4293846271 (0xFFEEE4FF) |
| YUV | 234.0680, 10.3195, 3.4484 |
| Hunter-Lab | 89.9355, 3.4840, -6.8914 |

Details

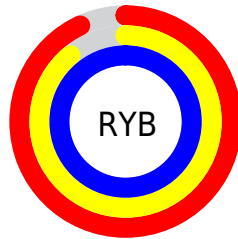
The XYZ color **81.0533, 80.8839, 105.9479** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.4216, 96.5348, 87.4281**, and the grayscale version is **78.1859, 82.2577, 89.5786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4280, 43.9094, 59.5598** is the 20% darker color. If you saturate the color by 10%, you get **69.3968, 65.2196, 103.5388**, and if you desaturate by 10%, it is **94.2296, 98.8720, 108.7255**.

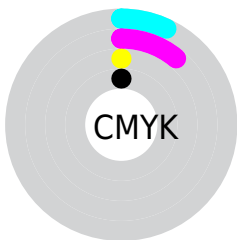
Distribution



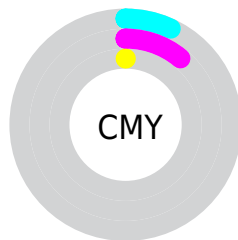
- Red (93%)
- Green (89%)
- Blue (100%)



- Red (93%)
- Yellow (89%)
- Blue (100%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0533, 80.8839, 105.9479 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 81.0533, 80.8839, 105.9479 by changing the saturation by 10% instead.

81.0533, 80.8839,
105.9479

81.0533, 80.8839,
105.9479

487.1581,
497.9067, 600.5073

60.8969, 60.4460,
80.6326

133.7884,
134.6077, 171.4301

44.3942, 43.7782,
59.7098

167.0978,
168.6624, 212.4342

31.1798, 30.4962,
42.7610

205.5223,
208.0249, 259.5049

20.8883, 20.2155,
29.3677

249.4272,
253.0794, 313.0608

13.1544, 12.5518,
19.1112

299.1779,
304.2105, 373.5204

7.6127, 7.1206,
11.5730

355.1397,

3.8978, 3.5377,

361.8024, 441.3024

6.3346

417.6780,
426.2397, 516.8251

■ 1.6445, 1.4185,
2.9776

■ 0.4211, 0.2303,
1.0832

■ 81.0533, 80.8839,
105.9479

■ 81.0533, 80.8839,
105.9479

■ 69.3968, 65.2196,
103.5388

94.2296, 98.8720,
108.7255

■ 59.1959, 51.7723,
101.4808

95.0500, 100.0000,
108.9000

■ 50.3913, 40.4417,
99.7579

■ 42.9170, 31.1159,
98.3517

■ 36.7010, 23.6722,
97.2426

■ 31.6638, 17.9738,
96.4082

■ 27.7156, 13.8648,
95.8231

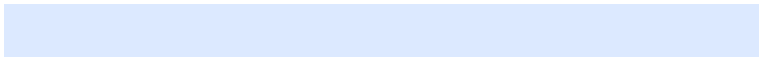
■ 24.7511, 11.1596,
95.4572

■ 22.7106, 9.6226,
95.2681

Harmonies

Analogous

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



77.5008, 80.8839, 110.1011



81.0533, 80.8839, 105.9479



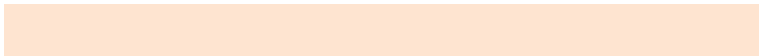
83.5455, 80.8839, 97.0222

Triad

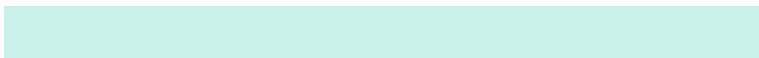
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0533, 80.8839, 105.9479



79.9435, 80.8839, 70.7742



69.9677, 80.8839, 89.8604

Complementary

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



81.0533, 80.8839, 105.9479



87.4216, 96.5348, 87.4281

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.



70.5745, 80.8839, 79.6839



81.0533, 80.8839, 105.9479



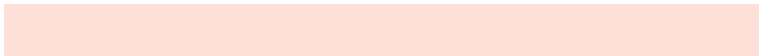
76.2580, 80.8839, 69.1912

Square

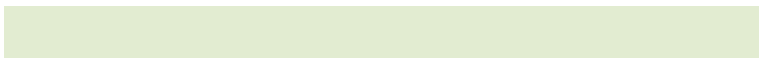
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0533, 80.8839, 105.9479



82.8904, 80.8839, 76.8351



72.8481, 80.8839, 72.3236



71.1630, 80.8839, 100.3473

Rectangle

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



81.0533, 80.8839, 105.9479



84.2280, 80.8839, 89.8734



72.8481, 80.8839, 72.3236



69.9680, 80.8839, 86.2886

Sweetspot

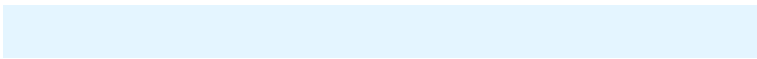
The Sweet Spot groups the original color and five complimentary colors.



81.0555, 80.8872, 105.9485



90.9078, 94.3136, 108.0207



82.7299, 89.0814, 107.4418



19.2262, 19.8695, 23.0718



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.



81.0555, 80.8872, 105.9485



78.1046, 76.8967, 105.3337



85.7230, 83.2935, 106.1669



17.6383, 17.7053, 22.7378



12.0172, 5.1056, 49.7867



1.2858, 0.5567, 4.8530

Inverse Universe

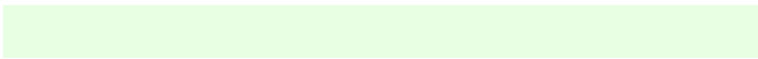
The Inverse Universe completely reimagines the original color for something new.



85.4668, 83.3425, 97.9709



83.4574, 79.8773, 95.5946



82.9148, 94.2114, 87.2172



18.4906, 18.1796, 21.2007



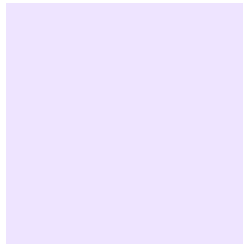
24.9648, 12.4752, 18.9972



2.4836, 1.2358, 2.1278

Previews

White Background



This preview shows how the XYZ color 81.0533, 80.8839, 105.9479 looks on a white background.

Color Contrast Check

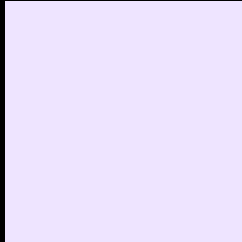
Large Text (above 18pt) WCAG AA × Fail

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 81.0533, 80.8839, 105.9479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

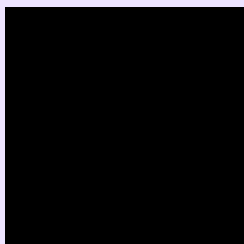
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0533, 80.8839, 105.9479

Background



This preview shows how black text looks on a background with the XYZ color 81.0533, 80.8839, 105.9479.



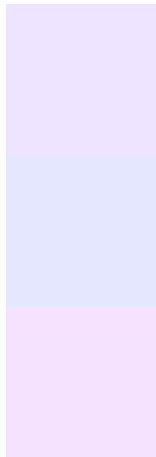
This preview shows how white text looks on a background with the XYZ color 81.0533, 80.8839,

105.9479.

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

81.0533, 80.8839, 105.9479

Protanopia

78.9390, 81.0298, 106.0875

Deuteranopia

82.5546, 80.8458, 105.8614



Tritanopia

79.7329, 80.7585, 99.3813

Trichromacy



Original Color

81.0533, 80.8839, 105.9479

Protanomaly

79.6255, 80.9694, 106.0397

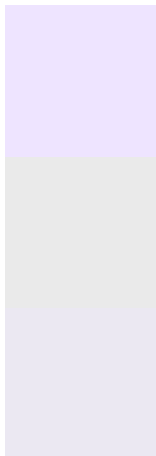
Deuteranomaly

82.1370, 81.0354, 105.9201

Tritanomaly

80.1997, 80.9453, 101.8395

Monochromacy



Original Color

81.0533, 80.8839, 105.9479

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.1446, 81.7862, 95.6193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0533, 80.8839, 105.9479 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(238, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 255)  
}
```

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(238, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.0533, 80.8839, 105.9479 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(238, 228, 255) }
```


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

```
.border{ border-color:rgb(238, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0533, 80.8839, 105.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 255) }
```

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

```
.background{ background-color: rgb(238,  
228, 255) }
```

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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