

Converting Colors

XYZ(81.3906, 80.2838,
105.8143)

Have a look what the booklet for
XYZ(81.3906, 80.2838, 105.8143)
contains.

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Color

**XYZ(81.5220, 80.3135,
105.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2FF
RGB	241, 226, 255
RGB Percent	95%, 89%, 100%
CMY	0.0549, 0.1137, 0.0000
CMYK	0.05, 0.11, 0.00, 0.00
HSL	271°, 100%, 94%
HSV	271°, 11%, 100%
XYZ	81.5220, 80.3135, 105.8131
YIQ	233.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

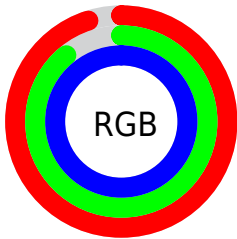
Format	Color
R _Y B	241, 226, 255
Decimal	15852287
CIE Lab	91.83, 10.30, -12.20
CIE LCh	92, 15.961, 310.170
Yxy	80.3135, 0.3046, 0.3001
Android (android.graphics.Color)	4294042367 (0xFFFF1E2FF)
YUV	233.7910, 10.4560, 6.3223
Hunter-Lab	89.6178, 5.5437, -7.2721

Details

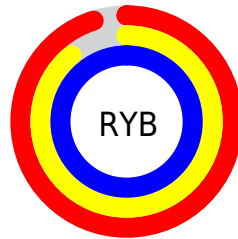
The XYZ color **81.5220, 80.3135, 105.8131** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4246, 95.5372, 85.8936**, and the grayscale version is **77.9743, 82.0350, 89.3362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7635, 43.5173, 59.4665** is the 20% darker color. If you saturate the color by 10%, you get **71.0361, 65.3703, 103.4815**, and if you desaturate by 10%, it is **93.3273, 97.4721, 108.5029**.

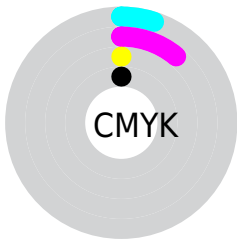
Distribution



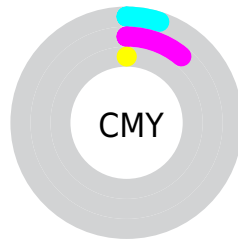
- Red (95%)
- Green (89%)
- Blue (100%)



- Red (95%)
- Yellow (89%)
- Blue (100%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5220, 80.3135, 105.8131 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 81.5220, 80.3135, 105.8131 by changing the saturation by 10% instead.

81.5220, 80.3135,
105.8131

81.5220, 80.3135,
105.8131

488.7062,
495.9887, 600.0787

61.2844, 59.9764,
80.5203

134.4428,
133.8064, 171.2443

44.7081, 43.3996,
59.6179

167.8567,
167.7310, 212.2198

31.4279, 30.1988,
42.6874

206.3934,
206.9535, 259.2599

21.0783, 19.9895,
29.3104

250.4182,
251.8583, 312.7832

13.2940, 12.3874,
19.0681

300.2965,
302.8298, 373.2081

7.7097, 7.0081,
11.5422

356.3937,

3.9600, 3.4672,

360.2525, 440.9533

6.3140

419.0752,
424.5106, 516.4373

■ 1.6795, 1.3802,
2.9651

■ 0.4434, 0.2021,
1.0768

■ 81.5220, 80.3135,
105.8131

■ 81.5220, 80.3135,
105.8131

■ 71.0361, 65.3703,
103.4815

■ 93.3273, 97.4721,
108.5029

■ 61.8124, 52.5390,
101.4909

95.0500, 100.0000,
108.9000

■ 53.7984, 41.7223,
99.8255

■ 46.9354, 32.8116,
98.4672

■ 41.1591, 25.6873,
97.3966

■ 36.3981, 20.2161,
96.5915

■ 32.5709, 16.2450,
96.0267

■ 29.5808, 13.5904,
95.6719

■ 27.5486, 12.1167,
95.4945

Harmonies

Analogous

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



77.7327, 80.3135, 111.5443



81.5220, 80.3135, 105.8131



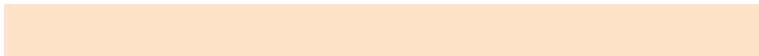
83.9756, 80.3135, 95.3134

Triad

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



81.5220, 80.3135, 105.8131



79.0348, 80.3135, 67.9245



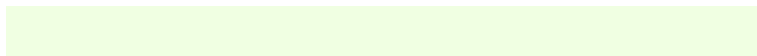
68.8531, 80.3135, 91.4853

Complementary

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



81.5220, 80.3135, 105.8131



85.4246, 95.5372, 85.8936

Split Complementary

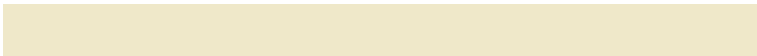
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1736, 80.3135, 80.0272



81.5220, 80.3135, 105.8131



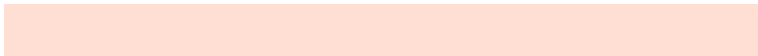
74.9553, 80.3135, 67.0983

Square

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



81.5220, 80.3135, 105.8131



82.5044, 80.3135, 73.7083



71.3739, 80.3135, 71.3408



70.4822, 80.3135, 102.7966

Rectangle

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



81.5220, 80.3135, 105.8131



84.4735, 80.3135, 87.3810



71.3739, 80.3135, 71.3408



68.7378, 80.3135, 87.5145

Sweetspot

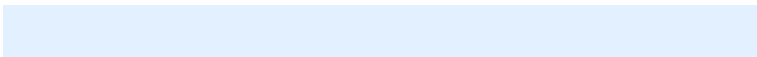
The Sweet Spot groups the original color and five complimentary colors.



81.5242, 80.3168, 105.8137



91.3122, 94.5220, 108.0397



80.5816, 85.7213, 106.9065



19.3352, 19.9257, 23.0769



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.



81.5242, 80.3168, 105.8137



78.6408, 76.1761, 105.1664



86.4101, 82.8446, 105.6367



17.8992, 17.8398, 22.7500



14.5681, 6.4206, 49.9061



1.5446, 0.6902, 4.8651

Inverse Universe

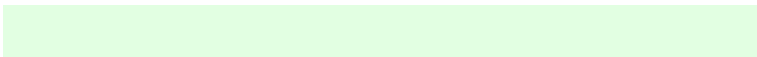
The Inverse Universe completely reimagines the original color for something new.



84.1666, 81.9472, 93.8222



81.8681, 78.1670, 90.5381



80.9204, 93.2075, 86.0295



18.3747, 18.1332, 20.5904



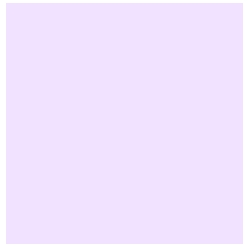
23.4951, 11.8873, 11.2577



2.3425, 1.1794, 1.3852

Previews

White Background



This preview shows how the XYZ color 81.5220, 80.3135, 105.8131 looks on a white background.

Color Contrast Check

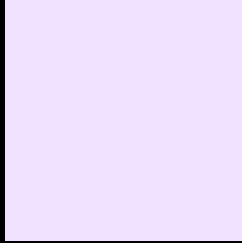
Large Text (above 18pt) WCAG AA × Fail

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 81.5220, 80.3135, 105.8131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

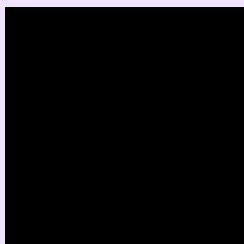
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5220, 80.3135, 105.8131

Background



This preview shows how black text looks on a background with the XYZ color 81.5220, 80.3135, 105.8131.



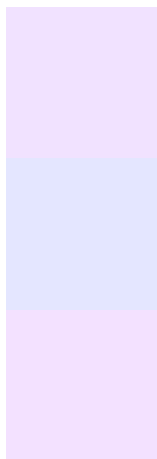
This preview shows how white text looks on a background with the XYZ color 81.5220, 80.3135,

105.8131.

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

81.5220, 80.3135, 105.8131

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

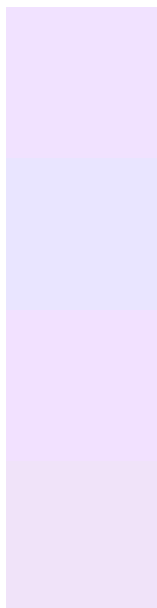
81.9374, 80.1251, 105.7549



Tritanopia

80.3131, 80.6659, 98.5259

Trichromacy



Original Color

81.5220, 80.3135, 105.8131

Protanomaly

79.6736, 80.5823, 105.9624

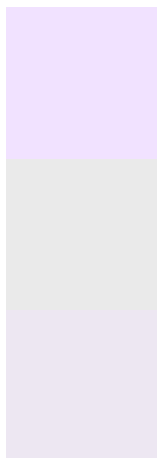
Deuteranomaly

81.5932, 79.9477, 105.7388

Tritanomaly

80.5031, 80.3030, 100.8796

Monochromacy



Original Color

81.5220, 80.3135, 105.8131

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.5280, 81.5672, 95.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5220, 80.3135, 105.8131 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(241, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 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(241, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.5220, 80.3135, 105.8131 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(241, 226, 255) }
```


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

```
.border{ border-color:rgb(241, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5220, 80.3135, 105.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 255) }
```

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

```
.background{ background-color: rgb(241,  
226, 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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