

Converting Colors

XYZ(81.3294, 80.1940,
105.8002)

Have a look what the booklet for
XYZ(81.3294, 80.1940, 105.8002)
contains.

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Color

**XYZ(81.1815, 80.1380,
105.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E2FF
RGB	240, 226, 255
RGB Percent	94%, 89%, 100%
CMY	0.0588, 0.1137, 0.0000
CMYK	0.06, 0.11, 0.00, 0.00
HSL	269°, 100%, 94%
HSV	269°, 11%, 100%
XYZ	81.1815, 80.1380, 105.7972
YIQ	233.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

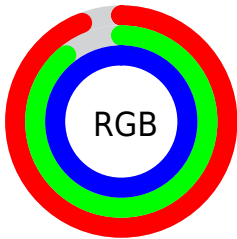
Format	Color
R _Y B	240, 226, 255
Decimal	15786751
CIE Lab	91.75, 9.97, -12.32
CIE LCh	92, 15.852, 308.983
Yxy	80.1380, 0.3039, 0.3000
Android (android.graphics.Color)	4293976831 (0xFFFF0E2FF)
YUV	233.4920, 10.6034, 5.7075
Hunter-Lab	89.5198, 5.2139, -7.4068

Details

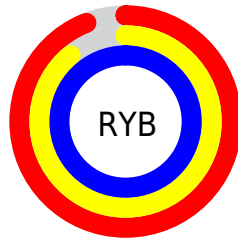
The XYZ color **81.1815, 80.1380, 105.7972** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7652, 95.7127, 85.9096**, and the grayscale version is **77.7478, 81.7968, 89.0767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5231, 43.3934, 59.4552** is the 20% darker color. If you saturate the color by 10%, you get **70.4406, 65.0633, 103.4536**, and if you desaturate by 10%, it is **93.2834, 97.4494, 108.5008**.

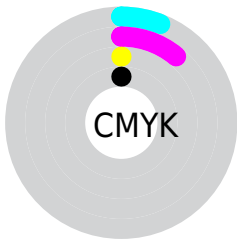
Distribution



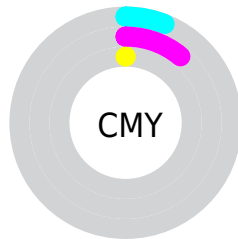
- Red (94%)
- Green (89%)
- Blue (100%)



- Red (94%)
- Yellow (89%)
- Blue (100%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1815, 80.1380, 105.7972 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 81.1815, 80.1380, 105.7972 by changing the saturation by 10% instead.

81.1815, 80.1380,
105.7972

81.1815, 80.1380,
105.7972

487.5818,
495.3978, 600.0281

61.0029, 59.8319,
80.5070

133.9674,
133.5597, 171.2224

44.4801, 43.2832,
59.6070

167.3054,
167.4442, 212.1945

31.2476, 30.1074,
42.6788

205.7606,
206.6235, 259.2310

20.9402, 19.9201,
29.3036

249.6984,
251.4822, 312.7504

13.1925, 12.3370,
19.0631

299.4840,
302.4046, 373.1713

7.6392, 6.9736,
11.5386

355.4829,

3.9148, 3.4456,

359.7750, 440.9122

6.3116

418.0604,
423.9780, 516.3916

■ 1.6540, 1.3686,
2.9636

■ 0.4272, 0.1934,
1.0761

■ 81.1815, 80.1380,
105.7972

■ 81.1815, 80.1380,
105.7972

■ 70.4406, 65.0633,
103.4536

■ 93.2834, 97.4494,
108.5008

■ 61.0020, 52.1212,
101.4530

95.0500, 100.0000,
108.9000

■ 52.8120, 41.2138,
99.7793

■ 45.8104, 32.2317,
98.4146

■ 39.9315, 25.0545,
97.3391

■ 35.1022, 19.5481,
96.5308

■ 31.2395, 15.5586,
95.9643

■ 28.2447, 12.9016,
95.6093

■ 26.2318, 11.4379,
95.4329

Harmonies

Analogous

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



77.3931, 80.1380, 111.2317



81.1815, 80.1380, 105.7972



83.6839, 80.1380, 95.5153

Triad

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



81.1815, 80.1380, 105.7972



79.0004, 80.1380, 68.0222



68.7217, 80.1380, 90.7912

Complementary

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



81.1815, 80.1380, 105.7972



85.7652, 95.7127, 85.9096

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.



69.1176, 80.1380, 79.4883



81.1815, 80.1380, 105.7972



74.9574, 80.1380, 67.0008

Square

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



81.1815, 80.1380, 105.7972



82.3938, 80.1380, 73.9453



71.3667, 80.1380, 71.0196



70.2654, 80.1380, 102.0767

Rectangle

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



81.1815, 80.1380, 105.7972



84.2362, 80.1380, 87.6536



71.3667, 80.1380, 71.0196



68.6336, 80.1380, 86.8609

Sweetspot

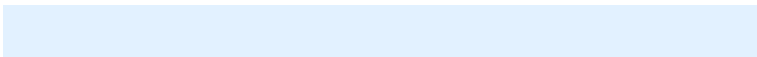
The Sweet Spot groups the original color and five complimentary colors.



81.1836, 80.1413, 105.7977



91.2170, 94.4730, 108.0352



81.0102, 86.5784, 107.0494



19.3095, 19.9125, 23.0757



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.



81.1836, 80.1413, 105.7977



78.2292, 75.9640, 105.1471



86.1332, 82.6929, 106.0294



17.8375, 17.8080, 22.7471



13.8772, 6.0644, 49.8737



1.4766, 0.6551, 4.8619

Inverse Universe

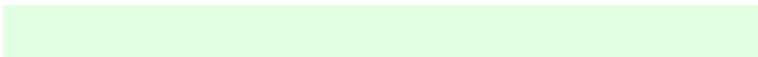
The Inverse Universe completely reimagines the original color for something new.



84.3156, 82.0068, 94.6071



82.0482, 78.2391, 91.4867



81.1580, 93.3376, 85.6940



18.4017, 18.1440, 20.7327



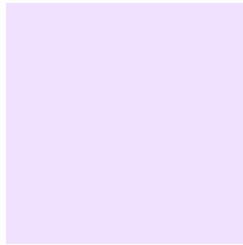
23.7976, 12.0083, 12.8504



2.3723, 1.1913, 1.5420

Previews

White Background



This preview shows how the XYZ color 81.1815, 80.1380, 105.7972 looks on a white background.

Color Contrast Check

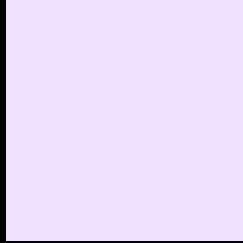
Large Text (above 18pt) WCAG AA × Fail

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 81.1815, 80.1380, 105.7972 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

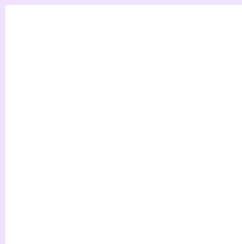
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1815, 80.1380, 105.7972

Background



This preview shows how black text looks on a background with the XYZ color 81.1815, 80.1380, 105.7972.



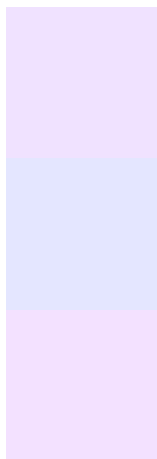
This preview shows how white text looks on a background with the XYZ color 81.1815, 80.1380,

105.7972.

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

81.1815, 80.1380, 105.7972

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

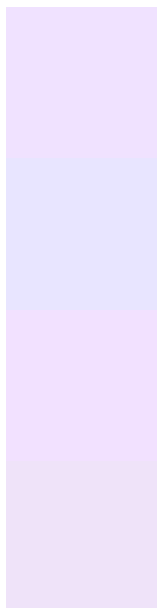
81.9374, 80.1251, 105.7549



Tritanopia

79.9746, 80.4913, 98.5100

Trichromacy



Original Color

81.1815, 80.1380, 105.7972

Protanomaly

79.3480, 80.4144, 105.9472

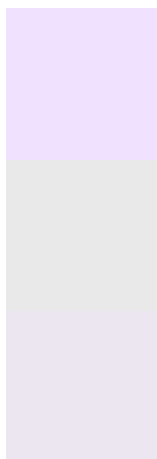
Deuteranomaly

81.5932, 79.9477, 105.7388

Tritanomaly

80.1646, 80.1284, 100.8637

Monochromacy



Original Color

81.1815, 80.1380, 105.7972

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7661, 80.7774, 94.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1815, 80.1380, 105.7972 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(240, 226, 255) looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1815, 80.1380, 105.7972 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(240, 226, 255) }
```


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

```
.border{ border-color:rgb(240, 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(240, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1815, 80.1380, 105.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 255) }
```

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

```
.background{ background-color: rgb(240,  
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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