

Converting Colors

XYZ(87.4545, 80.8830,
136.2970)

Have a look what the booklet for
XYZ(87.4545, 80.8830, 136.2970)
contains.

XYZ(81.5626, 78.3454, 105.4311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.5626, 78.3454,
105.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDFF
RGB	245, 221, 255
RGB Percent	96%, 87%, 100%
CMY	0.0392, 0.1333, 0.0000
CMYK	0.04, 0.13, 0.00, 0.00
HSL	282°, 100%, 93%
HSV	282°, 13%, 100%
XYZ	81.5626, 78.3454, 105.4311
YIQ	232.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

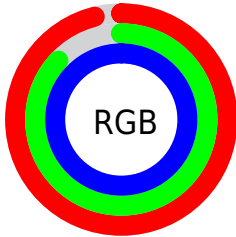
Format	Color
R _Y B	245, 221, 255
Decimal	16113151
CIE Lab	90.94, 14.20, -13.49
CIE LCh	91, 19.588, 316.476
Yxy	78.3454, 0.3074, 0.2953
Android (android.graphics.Color)	4294303231 (0xFFF5DDFF)
YUV	232.0520, 11.3134, 11.3554
Hunter-Lab	88.5129, 9.5859, -8.6635

Details

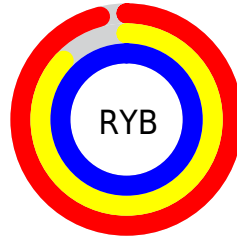
The XYZ color **81.5626, 78.3454, 105.4311** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.7682, 93.7303, 82.1927**, and the grayscale version is **76.6588, 80.6510, 87.8290**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8155, 42.1685, 59.2034** is the 20% darker color. If you saturate the color by 10%, you get **72.7714, 64.5682, 103.2352**, and if you desaturate by 10%, it is **91.4866, 94.2288, 107.9739**.

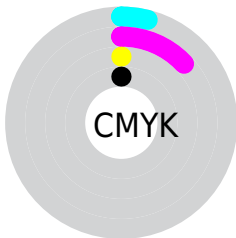
Distribution



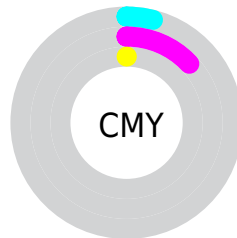
- Red (96%)
- Green (87%)
- Blue (100%)



- Red (96%)
- Yellow (87%)
- Blue (100%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5626, 78.3454, 105.4311 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 81.5626, 78.3454, 105.4311 by changing the saturation by 10% instead.


 81.5626, 78.3454,
105.4311

 81.5626, 78.3454,
105.4311

488.8401,
489.3391, 598.8632

 61.3179, 58.3578,
80.2019


134.4995,
131.0369, 170.7177

 44.7353, 42.0963,
59.3574


167.9224,
164.5096, 211.6121

 31.4494, 29.1767,
42.4790


206.4688,
203.2460, 258.5654

 21.0948, 19.2146,
29.1481

250.5040,
247.6307, 311.9961

 13.3062, 11.8254,
18.9464

300.3934,
298.0479, 372.3226

 7.7182, 6.6249,
11.4551

356.5023,

 3.9654, 3.2287,

354.8821, 439.9637

6.2558

419.1961,
418.5177, 515.3377

■ 1.6826, 1.2522,
2.9300

■ 0.4453, 0.1038,
1.0590

■ 81.5626, 78.3454,
105.4311

■ 81.5626, 78.3454,
105.4311

■ 72.7714, 64.5682,
103.2352

■ 91.4866, 94.2288,
107.9739

■ 65.0594, 52.7948,
101.3692

95.0500, 100.0000,
108.9000

■ 58.3781, 42.9290,
99.8170

■ 52.6723, 34.8623,
98.5607

■ 47.8814, 28.4755,
97.5804

■ 43.9373, 23.6345,
96.8539

■ 40.7615, 20.1841,
96.3553

■ 38.2585, 17.9356,
96.0532

■ 36.8724, 16.9233,
95.9309

Harmonies

Analogous

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



77.1899, 78.3454, 114.1224



81.5626, 78.3454, 105.4311



84.0815, 78.3454, 91.8220

Triad

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



81.5626, 78.3454, 105.4311



76.7071, 78.3454, 61.5073



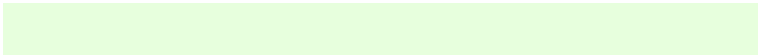
65.7275, 78.3454, 93.2503

Complementary

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



81.5626, 78.3454, 105.4311



81.7682, 93.7303, 82.1927

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.



65.6111, 78.3454, 79.1036



81.5626, 78.3454, 105.4311



71.8049, 78.3454, 61.7993

Square

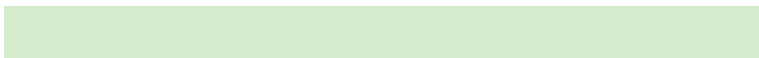
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



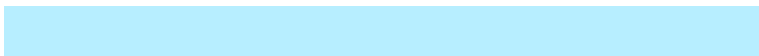
81.5626, 78.3454, 105.4311



81.1957, 78.3454, 67.0709



67.7915, 78.3454, 67.9182



68.1169, 78.3454, 106.5758

Rectangle

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



81.5626, 78.3454, 105.4311



84.3014, 78.3454, 82.2750



67.7915, 78.3454, 67.9182



65.4250, 78.3454, 88.4082

Sweetspot

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



81.5647, 78.3487, 105.4316



90.7868, 93.0993, 107.7927



76.5036, 79.8591, 105.9899



19.2650, 19.6577, 23.0289



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

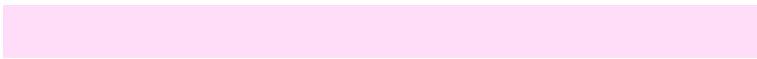
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5647, 78.3487, 105.4316



79.1094, 74.4691, 104.8122



84.0725, 79.7657, 99.9359



18.2418, 18.0164, 22.7660



19.4232, 8.9235, 50.1333



2.0005, 0.9252, 4.8864

Inverse Universe

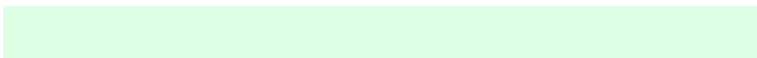
The Inverse Universe completely reimagines the original color for something new.



81.5223, 78.7456, 86.5070



79.0922, 74.9564, 82.3949



79.5570, 92.4836, 86.9146



18.2291, 18.0750, 19.8238



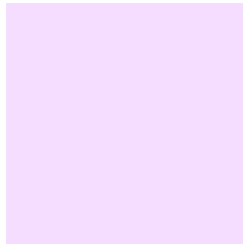
22.2687, 11.3968, 4.7996



2.2135, 1.1278, 0.7060

Previews

White Background



This preview shows how the XYZ color 81.5626, 78.3454, 105.4311 looks on a white background.

Color Contrast Check

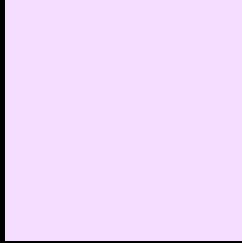
Large Text (above 18pt) WCAG AA × Fail

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 81.5626, 78.3454, 105.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

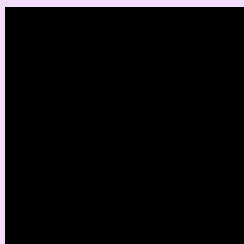
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5626, 78.3454, 105.4311

Background



This preview shows how black text looks on a background with the XYZ color 81.5626, 78.3454, 105.4311.



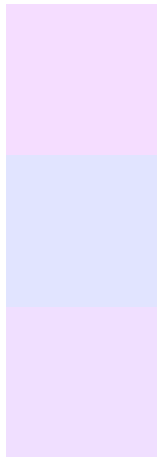
This preview shows how white text looks on a background with the XYZ color 81.5626, 78.3454,

105.4311.

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

81.5626, 78.3454, 105.4311

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.3729, 78.5206, 105.5276



Tritanopia

79.2270, 78.1809, 94.1338

Trichromacy



Original Color

81.5626, 78.3454, 105.4311

Protanomaly

78.2539, 78.2262, 105.5825

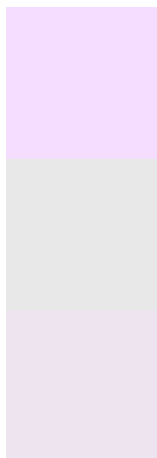
Deuteranomaly

80.7892, 78.3398, 105.4708

Tritanomaly

80.0641, 78.1295, 98.0494

Monochromacy



Original Color

81.5626, 78.3454, 105.4311

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.3966, 79.7826, 93.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5626, 78.3454, 105.4311 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(245, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 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(245, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.5626, 78.3454, 105.4311 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(245, 221, 255) }
```


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

```
.border{ border-color:rgb(245, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5626, 78.3454, 105.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 255) }
```

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

```
.background{ background-color: rgb(245,  
221, 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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