

Converting Colors

XYZ(81.8455, 77.9910,
105.3478)

Have a look what the booklet for
XYZ(81.8455, 77.9910, 105.3478)
contains.

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Color

**XYZ(82.0010, 78.1806,
105.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCFF
RGB	247, 220, 255
RGB Percent	97%, 86%, 100%
CMY	0.0314, 0.1372, 0.0000
CMYK	0.03, 0.14, 0.00, 0.00
HSL	286°, 100%, 93%
HSV	286°, 14%, 100%
XYZ	82.0010, 78.1806, 105.3762
YIQ	232.0630, 4.8570, 16.6090

Conversions

Conversions Part 2

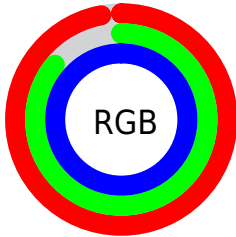
Format	Color
R_{YB}	247, 220, 255
Decimal	16243967
CIE _{Lab}	90.86, 15.38, -13.58
CIE _{LCh}	91, 20.517, 318.540
Yxy	78.1806, 0.3088, 0.2944
Android (android.graphics.Color)	4294434047 (0xFFFF7DCFF)
YUV	232.0630, 11.3079, 13.0997
Hunter-Lab	88.4198, 10.8072, -8.7663

Details

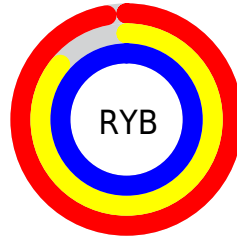
The XYZ color **82.0010, 78.1806, 105.3762** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.6751, 93.1822, 81.4480**, and the grayscale version is **76.6663, 80.6589, 87.8376**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1340, 42.0638, 59.1664** is the 20% darker color. If you saturate the color by 10%, you get **73.7895, 64.7604, 103.2186**, and if you desaturate by 10%, it is **91.3018, 93.6820, 107.8780**.

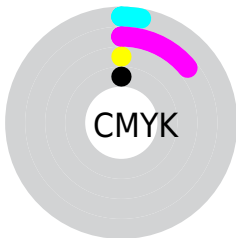
Distribution



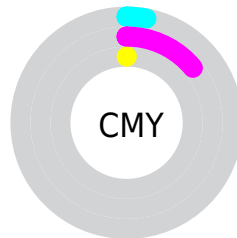
- Red (97%)
- Green (86%)
- Blue (100%)



- Red (97%)
- Yellow (86%)
- Blue (100%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0010, 78.1806, 105.3762 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 82.0010, 78.1806, 105.3762 by changing the saturation by 10% instead.


 82.0010, 78.1806,
105.3762

 82.0010, 78.1806,
105.3762


490.2855,
488.7799, 598.6884

 61.6805, 58.2223,
80.1561


135.1112,
130.8047, 170.6420

 45.0292, 41.9874,
59.3199

168.6316,
164.2393, 211.5248

 31.6818, 29.0914,
42.4490


207.2827,
202.9348, 258.4656

 21.2729, 19.1500,
29.1248

251.4298,
247.2757, 311.8829

 13.4372, 11.7787,
18.9289

301.4382,
297.6462, 372.1953

 7.8094, 6.5932,
11.4426

357.6735,

 4.0240, 3.2090,

354.4308, 439.8214

6.2475

420.5007,
418.0139, 515.1795

■ 1.7157, 1.2418,
2.9249

■ 0.4661, 0.0955,
1.0564

■ 82.0010, 78.1806,
105.3762

■ 82.0010, 78.1806,
105.3762

■ 73.7895, 64.7604,
103.2186

■ 91.3018, 93.6820,
107.8780

■ 66.6142, 53.3191,
101.3884

95.0500, 100.0000,
108.9000

■ 60.4270, 43.7603,
99.8695

■ 55.1733, 35.9759,
98.6438

■ 50.7930, 29.8462,
97.6915

■ 47.2183, 25.2369,
96.9903

■ 44.3710, 21.9922,
96.5140

■ 42.1554, 19.9220,
96.2312

■ 41.0022, 19.0523,
96.1241

Harmonies

Analogous

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



77.5106, 78.1806, 115.0341



82.0010, 78.1806, 105.3762



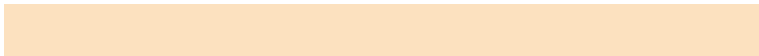
84.4711, 78.1806, 90.9013

Triad

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



82.0010, 78.1806, 105.3762



76.2986, 78.1806, 60.1855



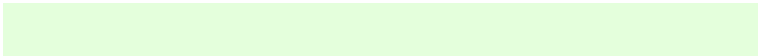
65.2860, 78.1806, 94.4918

Complementary

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



82.0010, 78.1806, 105.3762



80.6751, 93.1822, 81.4480

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.



64.9952, 78.1806, 79.5995



82.0010, 78.1806, 105.3762



71.1955, 78.1806, 60.9098

Square

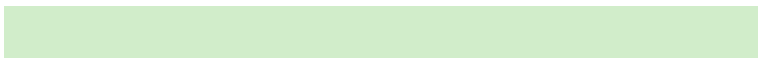
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



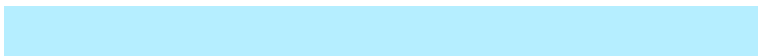
82.0010, 78.1806, 105.3762



81.0785, 78.1806, 65.5425



67.1124, 78.1806, 67.6510



67.9259, 78.1806, 108.2653

Rectangle

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



82.0010, 78.1806, 105.3762



84.5668, 78.1806, 80.9717



67.1124, 78.1806, 67.6510



64.9149, 78.1806, 89.4188

Sweetspot

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



82.0031, 78.1839, 105.3767



91.0294, 93.2244, 107.8041



75.3574, 78.0175, 105.6949



19.3265, 19.6894, 23.0318



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.



82.0031, 78.1839, 105.3767



80.0393, 74.9485, 104.8557



83.4183, 79.0828, 97.7899



18.3628, 18.0788, 22.7717



21.5610, 10.0256, 50.2333



2.1936, 1.0248, 4.8955

Inverse Universe

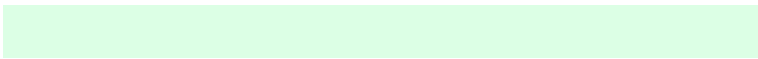
The Inverse Universe completely reimagines the original color for something new.



80.8388, 78.0510, 84.2063



78.7274, 74.8105, 80.4743



79.4670, 92.4125, 88.0251



18.1794, 18.0551, 19.5619



21.9980, 11.2885, 3.3740



2.1813, 1.1149, 0.5363

Previews

White Background



This preview shows how the XYZ color 82.0010, 78.1806, 105.3762 looks on a white background.

Color Contrast Check

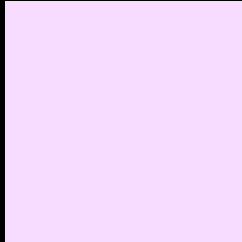
Large Text (above 18pt) WCAG AA × Fail

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 82.0010, 78.1806, 105.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

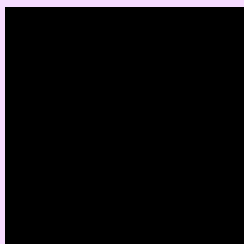
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0010, 78.1806, 105.3762

Background



This preview shows how black text looks on a background with the XYZ color 82.0010, 78.1806, 105.3762.



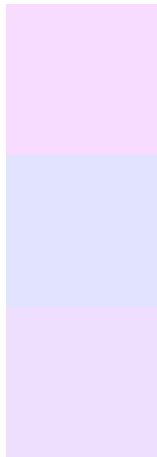
This preview shows how white text looks on a background with the XYZ color 82.0010, 78.1806,

105.3762.

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

82.0010, 78.1806, 105.3762

Protanopia

76.5704, 78.1657, 105.6595

Deuteranopia

79.8737, 78.2818, 104.6660



Tritanopia

79.7720, 78.4791, 93.3816

Trichromacy



Original Color

82.0010, 78.1806, 105.3762

Protanomaly

78.3099, 77.8549, 105.5079

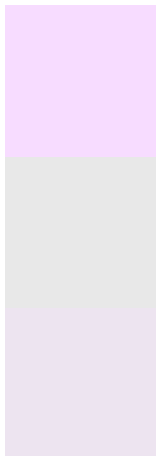
Deuteranomaly

80.6286, 78.2756, 104.6250

Tritanomaly

80.6087, 78.4280, 97.2758

Monochromacy



Original Color

82.0010, 78.1806, 105.3762

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 82.0010, 78.1806, 105.3762 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(247, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 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(247, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0010, 78.1806, 105.3762 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(247, 220, 255) }
```


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

```
.border{ border-color:rgb(247, 220, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0010, 78.1806, 105.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 255) }
```

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

```
.background{ background-color: rgb(247,  
220, 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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