

Converting Colors

XYZ(91.8025, 80.8326,
158.7819)

Have a look what the booklet for
XYZ(91.8025, 80.8326, 158.7819)
contains.

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Color

**XYZ(81.5743, 76.8022,
105.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D9FF
RGB	248, 217, 255
RGB Percent	97%, 85%, 100%
CMY	0.0274, 0.1490, 0.0000
CMYK	0.03, 0.15, 0.00, 0.00
HSL	289°, 100%, 93%
HSV	289°, 15%, 100%
XYZ	81.5743, 76.8022, 105.1326
YIQ	230.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

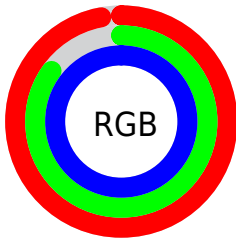
Format	Color
R_{YB}	248, 217, 255
Decimal	16308735
CIE _{Lab}	90.23, 17.27, -14.52
CIE _{LCh}	90, 22.565, 319.946
Yxy	76.8022, 0.3096, 0.2915
Android (android.graphics.Color)	4294498815 (0xFFFF8D9FF)
YUV	230.6010, 12.0287, 15.2589
Hunter-Lab	87.6369, 12.7872, -9.7808

Details

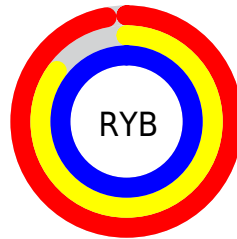
The XYZ color **81.5743, 76.8022, 105.1326** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.0267, 92.3779, 79.3150**, and the grayscale version is **75.5713, 79.5069, 86.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5992, 40.9942, 58.9881** is the 20% darker color. If you saturate the color by 10%, you get **73.8588, 63.8116, 103.0318**, and if you desaturate by 10%, it is **90.3512, 91.8518, 107.5749**.

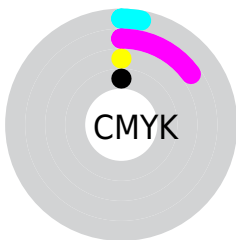
Distribution



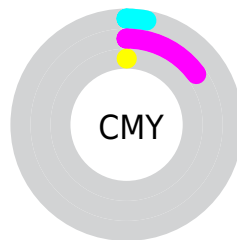
- Red (97%)
- Green (85%)
- Blue (100%)



- Red (97%)
- Yellow (85%)
- Blue (100%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5743, 76.8022, 105.1326 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 81.5743, 76.8022, 105.1326 by changing the saturation by 10% instead.


 81.5743, 76.8022,
105.1326

 81.5743, 76.8022,
105.1326

488.8787,
484.0894, 597.9126

 61.3276, 57.0905,
79.9532


134.5158,
128.8602, 170.3060

 44.7432, 41.0779,
59.1539


167.9413,
161.9754, 211.1371

 31.4556, 28.3800,
42.3162


206.4905,
200.3272, 258.0224

 21.0995, 18.6123,
29.0215

250.5287,
244.3000, 311.3806

 13.3097, 11.3905,
18.8514

300.4213,
294.2782, 371.6302

 7.7206, 6.3301,
11.3872

356.5336,

 3.9670, 3.0468,

350.6463, 439.1897

6.2105

419.2309,
413.7885, 514.4776

■ 1.6835, 1.1562,
2.9026

■ 0.4459, 0.0255,
1.0451

■ 81.5743, 76.8022,
105.1326

■ 81.5743, 76.8022,
105.1326

■ 73.8588, 63.8116,
103.0318

■ 90.3512, 91.8518,
107.5749

■ 67.1518, 52.7771,
101.2555

95.0500, 100.0000,
108.9000

■ 61.4048, 43.6017,
99.7873

■ 56.5631, 36.1761,
98.6092

■ 52.5659, 30.3794,
97.7010

■ 49.3448, 26.0752,
97.0400

■ 46.8203, 23.1047,
96.5997

■ 44.8943, 21.2725,
96.3476

■ 44.0715, 20.6346,
96.2678

Harmonies

Analogous

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



76.7419, 76.8022, 116.1728



81.5743, 76.8022, 105.1326



84.1485, 76.8022, 89.1374

Triad

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



81.5743, 76.8022, 105.1326



74.8986, 76.8022, 56.7341



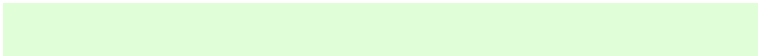
63.3162, 76.8022, 94.6173

Complementary

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



81.5743, 76.8022, 105.1326



79.0267, 92.3779, 79.3150

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.



62.8792, 76.8022, 78.3438



81.5743, 76.8022, 105.1326



69.3783, 76.8022, 57.8057

Square

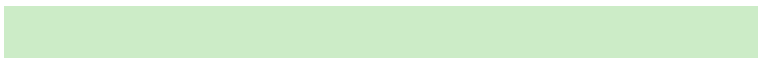
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



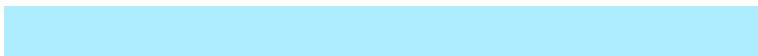
81.5743, 76.8022, 105.1326



80.1656, 76.8022, 62.1276



65.0453, 76.8022, 65.2702



66.2712, 76.8022, 109.5834

Rectangle

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



81.5743, 76.8022, 105.1326



84.1524, 76.8022, 78.3992



65.0453, 76.8022, 65.2702



62.8759, 76.8022, 89.0771

Sweetspot

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



81.5764, 76.8054, 105.1331



91.1941, 93.3093, 107.8118



73.4854, 75.6094, 105.3287



19.3683, 19.7110, 23.0337



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.



81.5764, 76.8054, 105.1331



79.0728, 72.5617, 104.4460



82.3230, 77.3961, 95.8712



18.4453, 18.1213, 22.7755



23.1465, 10.8429, 50.3075



2.3349, 1.0976, 4.9021

Inverse Universe

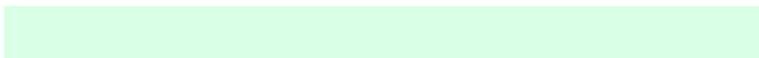
The Inverse Universe completely reimagines the original color for something new.



79.5094, 76.2706, 81.0548



76.6616, 71.9487, 75.8712



78.4367, 91.8965, 87.2969



18.1460, 18.0417, 19.3860



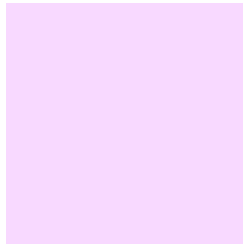
21.8555, 11.2315, 2.6237



2.1629, 1.1075, 0.4394

Previews

White Background



This preview shows how the XYZ color 81.5743, 76.8022, 105.1326 looks on a white background.

Color Contrast Check

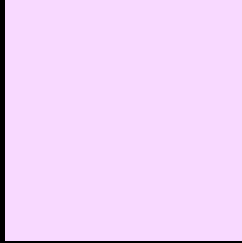
Large Text (above 18pt) WCAG AA × Fail

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 81.5743, 76.8022, 105.1326 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 81.5743, 76.8022, 105.1326

Background



This preview shows how black text looks on a background with the XYZ color 81.5743, 76.8022, 105.1326.

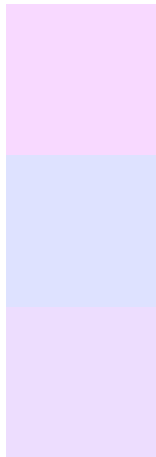


This preview shows how white text looks on a background with the XYZ color 81.5743, 76.8022,

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

81.5743, 76.8022, 105.1326

Protanopia

75.3706, 77.1423, 105.5252

Deuteranopia

78.6709, 76.8732, 104.4575



Tritanopia

78.5354, 76.7133, 90.7886

Trichromacy



Original Color

81.5743, 76.8022, 105.1326

Protanomaly

77.3927, 76.9843, 105.3882

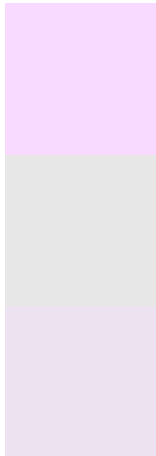
Deuteranomaly

79.7582, 77.0429, 104.4330

Tritanomaly

79.6667, 76.7875, 96.2105

Monochromacy



Original Color

81.5743, 76.8022, 105.1326

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8496, 78.6885, 93.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5743, 76.8022, 105.1326 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(248, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 217, 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(248, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.5743, 76.8022, 105.1326 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(248, 217, 255) }
```


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

```
.border{ border-color:rgb(248, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5743, 76.8022, 105.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 217, 255) }
```

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

```
.background{ background-color: rgb(248,  
217, 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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