

Converting Colors

XYZ(80.5338, 76.8200, 97.6121)

Have a look what the booklet for
XYZ(80.5338, 76.8200, 97.6121)
contains.

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Color

**XYZ(80.4174, 76.7531,
97.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DAF6
RGB	248, 218, 246
RGB Percent	97%, 85%, 96%
CMY	0.0274, 0.1451, 0.0353
CMYK	0.00, 0.12, 0.01, 0.03
HSL	304°, 68%, 91%
HSV	304°, 12%, 97%
XYZ	80.4174, 76.7531, 97.7652
YIQ	230.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

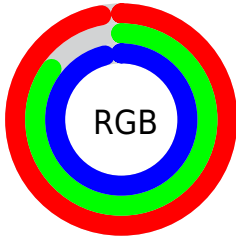
Format	Color
R _Y B	248, 218, 246
Decimal	16308982
CIE Lab	90.21, 15.11, -9.83
CIE LCh	90, 18.028, 326.958
Yxy	76.7531, 0.3154, 0.3011
Android (android.graphics.Color)	4294499062 (0xFFFF8DAF6)
YUV	230.1620, 7.8081, 15.6439
Hunter-Lab	87.6088, 10.5322, -4.8372

Details

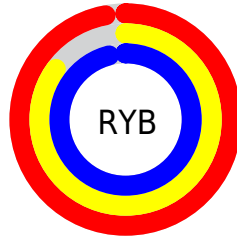
The XYZ color **80.4174, 76.7531, 97.7652** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.4021, 87.2098, 80.5733**, and the grayscale version is **75.2750, 79.1952, 86.2436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8773, 40.9885, 54.3142** is the 20% darker color. If you saturate the color by 10%, you get **74.2094, 64.7404, 94.4499**, and if you desaturate by 10%, it is **87.5943, 90.6977, 101.4164**.

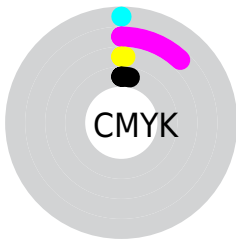
Distribution



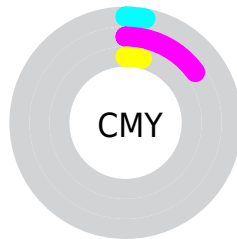
- Red (97%)
- Green (85%)
- Blue (96%)



- Red (97%)
- Yellow (85%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.4174, 76.7531, 97.7652 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 80.4174, 76.7531, 97.7652 by changing the saturation by 10% instead.

 80.4174, 76.7531,
97.7652

 80.4174, 76.7531,
97.7652


485.0535,
483.9218, 574.1890

 60.3715, 57.0503,
73.8290


132.8999,
128.7909, 160.1076

 43.9688, 41.0456,
54.1582


166.0672,
161.8946, 199.3510

 30.8438, 28.3547,
38.3341


204.3390,
200.2341, 244.5338

 20.6312, 18.5932,
25.9383

248.0807,
244.1938, 296.0747

 12.9656, 11.3767,
16.5521

297.6577,
294.1580, 354.3921

 7.4817, 6.3208,
9.7571

353.4352,

 3.8141, 3.0411,

350.5111, 419.9046

5.1347

415.7787,
413.6376, 493.0307

■ 1.5975, 1.1532,
2.2664

■ 0.3908, 0.0230,
0.7123

■ 80.4174, 76.7531,
97.7652

■ 80.4174, 76.7531,
97.7652

■ 74.2094, 64.7404,
94.4499

■ 87.5943, 90.6977,
101.4164

■ 68.9211, 54.5645,
91.4514

■ 91.6191, 98.3356,
104.0272

■ 64.5088, 46.1372,
88.7560

■ 91.8787, 98.4395,
105.3942

■ 60.9228, 39.3589,
86.3471

■ 92.1406, 98.5442,
106.7731

■ 58.1085, 34.1204,
84.2064

■ 92.4047, 98.6499,
108.1641

■ 56.0045, 30.2990,
82.3135

■ 92.5220, 98.6968,
108.7817

■ 54.5403, 27.7534,
80.6449

■ 53.6306, 26.3134,
79.1721

■ 53.2015, 25.7526,
78.1122

Harmonies

Analogous

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



76.9288, 76.7531, 107.5594



80.4174, 76.7531, 97.7652



81.9009, 76.7531, 84.8879

Triad

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



80.4174, 76.7531, 97.7652



73.4099, 76.7531, 61.2665



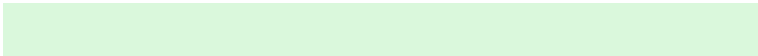
65.5359, 76.7531, 95.2676

Complementary

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



80.4174, 76.7531, 97.7652



75.4021, 87.2098, 80.5733

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.



64.6790, 76.7531, 82.2679



80.4174, 76.7531, 97.7652



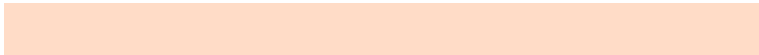
69.1137, 76.7531, 63.4441

Square

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



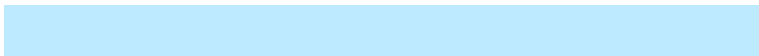
80.4174, 76.7531, 97.7652



77.7525, 76.7531, 64.5406



65.9626, 76.7531, 70.8219



68.3523, 76.7531, 106.0168

Rectangle

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



80.4174, 76.7531, 97.7652



81.5099, 76.7531, 76.5766



65.9626, 76.7531, 70.8219



65.0142, 76.7531, 90.9790

Sweetspot

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



80.4197, 76.7564, 97.7669



91.7726, 93.6201, 107.2682



71.5333, 72.1397, 98.9625



19.5153, 19.7899, 22.8955



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.



80.4197, 76.7564, 97.7669



83.6305, 77.8137, 103.0810



78.2092, 75.8723, 86.1270



17.9401, 17.5034, 21.5405



28.7600, 13.9197, 42.3059



2.6783, 1.2951, 3.9953

Inverse Universe

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



80.4197, 76.7564, 97.7669



83.6305, 77.8137, 103.0810



77.4790, 88.0405, 91.5098



17.9401, 17.5034, 21.5405



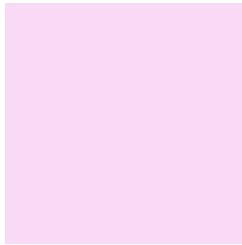
28.7600, 13.9197, 42.3059



2.6783, 1.2951, 3.9953

Previews

White Background



This preview shows how the XYZ color 80.4174, 76.7531, 97.7652 looks on a white background.

Color Contrast Check

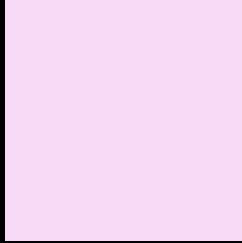
Large Text (above 18pt) WCAG AA × Fail

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 80.4174, 76.7531, 97.7652 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 80.4174, 76.7531, 97.7652

Background



This preview shows how black text looks on a background with the XYZ color 80.4174, 76.7531, 97.7652.



This preview shows how white text looks on a background with the XYZ color 80.4174, 76.7531,

97.7652.

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

80.4174, 76.7531, 97.7652

Protanopia

75.3494, 77.2050, 102.1975

Deuteranopia

78.6135, 77.0062, 97.1065



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

80.4174, 76.7531, 97.7652

Protanomaly

77.0908, 76.9385, 100.4100

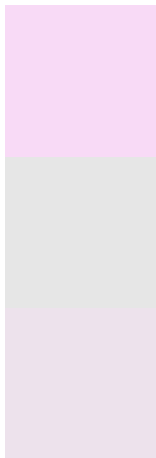
Deuteranomaly

79.3829, 77.0121, 97.0671

Tritanomaly

79.4175, 76.7285, 93.0624

Monochromacy



Original Color

80.4174, 76.7531, 97.7652

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.2617, 78.4534, 90.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4174, 76.7531, 97.7652 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, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 246)  
}
```

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, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 246) }
```

Border

The CSS property to change the border of an element to XYZ 80.4174, 76.7531, 97.7652 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, 218, 246) }
```


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

```
.border{ border-color:rgb(248, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4174, 76.7531, 97.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 246) }
```

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

```
.background{ background-color: rgb(248,  
218, 246) }
```

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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