

Converting Colors

XYZ(83.5746, 76.3035,
123.9049)

Have a look what the booklet for
XYZ(83.5746, 76.3035, 123.9049)
contains.

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Color

**XYZ(80.1026, 74.9060,
104.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D6FF
RGB	246, 214, 255
RGB Percent	96%, 84%, 100%
CMY	0.0353, 0.1608, 0.0000
CMYK	0.04, 0.16, 0.00, 0.00
HSL	287°, 100%, 92%
HSV	287°, 16%, 100%
XYZ	80.1026, 74.9060, 104.8442
YIQ	228.2420, 5.9110, 19.5350

Conversions

Conversions Part 2

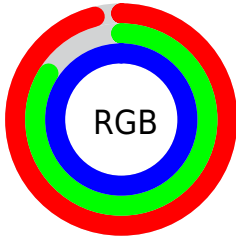
Format	Color
R _Y B	246, 214, 255
Decimal	16176895
CIE Lab	89.35, 18.20, -15.86
CIE LCh	89, 24.138, 318.926
Yxy	74.9060, 0.3083, 0.2883
Android (android.graphics.Color)	4294366975 (0xFFFF6D6FF)
YUV	228.2420, 13.1917, 15.5738
Hunter-Lab	86.5483, 13.7468, -11.2399

Details

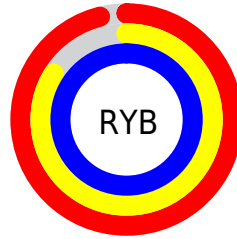
The XYZ color **80.1026, 74.9060, 104.8442** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.3309, 92.0639, 77.2637**, and the grayscale version is **73.8252, 77.6698, 84.5824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5774, 39.6923, 58.7907** is the 20% darker color. If you saturate the color by 10%, you get **72.2141, 61.9990, 102.7686**, and if you desaturate by 10%, it is **89.0645, 89.8701, 107.2602**.

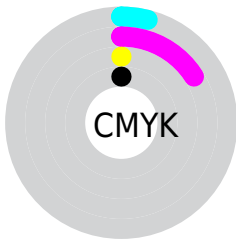
Distribution



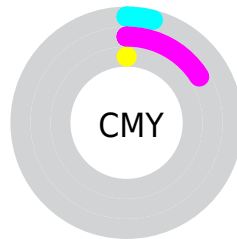
- Red (96%)
- Green (84%)
- Blue (100%)



- Red (96%)
- Yellow (84%)
- Blue (100%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1026, 74.9060, 104.8442 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 80.1026, 74.9060, 104.8442 by changing the saturation by 10% instead.

80.1026, 74.9060,
104.8442

80.1026, 74.9060,
104.8442

484.0098,
477.5944, 596.9933

60.1115, 55.5359,
79.7129

132.4597,
126.1793, 169.9082

43.7584, 39.8309,
58.9574

165.5565,
158.8513, 210.6779

30.6777, 27.4068,
42.1590

203.7526,
196.7260, 257.4976

20.5041, 17.8789,
28.8993

247.4133,
240.1878, 310.7857

12.8724, 10.8631,
18.7597

296.9041,
289.6212, 370.9608

7.4172, 5.9749,
11.3218

352.5902,

3.7730, 2.8298,

345.4105, 438.4414

6.1668

414.8369,
407.9401, 513.6460

■ 1.5745, 1.0435,
2.8763

■ 0.3757, 0.0000,
1.0318

■ 80.1026, 74.9060,
104.8442

■ 80.1026, 74.9060,
104.8442

■ 72.2141, 61.9990,
102.7686

■ 89.0645, 89.8701,
107.2602

■ 65.3455, 51.0458,
101.0165

95.0500, 100.0000,
108.9000

■ 59.4479, 41.9480,
99.5713

■ 54.4654, 34.5951,
98.4146

■ 50.3364, 28.8644,
97.5261

■ 46.9912, 24.6174,
96.8827

■ 44.3482, 21.6917,
96.4572

■ 42.3062, 19.8857,
96.2163

■ 41.6105, 19.3659,
96.1526

Harmonies

Analogous

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



74.9422, 74.9060, 116.3471



80.1026, 74.9060, 104.8442



82.9296, 74.9060, 87.9666

Triad

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



80.1026, 74.9060, 104.8442



73.3991, 74.9060, 53.6299



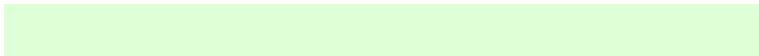
60.9869, 74.9060, 92.5673

Complementary

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



80.1026, 74.9060, 104.8442



78.3309, 92.0639, 77.2637

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.



60.6247, 74.9060, 75.4721



80.1026, 74.9060, 104.8442



67.5766, 74.9060, 54.5060

Square

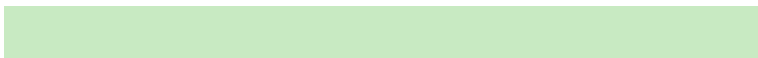
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1026, 74.9060, 104.8442



78.9194, 74.9060, 59.4210



62.9752, 74.9060, 62.0065



63.9935, 74.9060, 108.6103

Rectangle

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



80.1026, 74.9060, 104.8442



83.0115, 74.9060, 76.6183



62.9752, 74.9060, 62.0065



60.5583, 74.9060, 86.7096

Sweetspot

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



80.1046, 74.9091, 104.8447



90.0944, 91.6063, 107.5410



72.3237, 74.5980, 105.1947



19.1397, 19.3643, 22.9789



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.



80.1046, 74.9091, 104.8447



77.6890, 70.9264, 104.2033



81.6275, 75.8918, 95.9886



18.3796, 18.0874, 22.7725



21.8754, 10.1877, 50.2480



2.2217, 1.0393, 4.8968

Inverse Universe

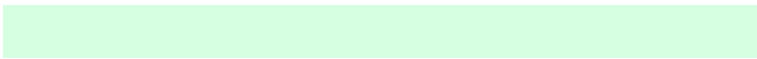
The Inverse Universe completely reimagines the original color for something new.



78.6078, 74.6839, 80.0871



75.9924, 70.6873, 75.4105



77.0753, 91.2498, 84.7401



18.1726, 18.0523, 19.5259



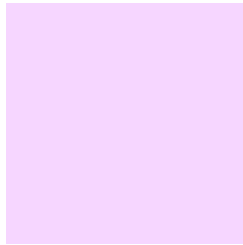
21.9663, 11.2758, 3.2072



2.1773, 1.1133, 0.5154

Previews

White Background



This preview shows how the XYZ color 80.1026, 74.9060, 104.8442 looks on a white background.

Color Contrast Check

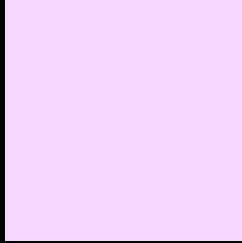
Large Text (above 18pt) WCAG AA × Fail

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 80.1026, 74.9060, 104.8442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

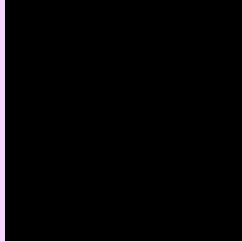
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1026, 74.9060, 104.8442

Background



This preview shows how black text looks on a background with the XYZ color 80.1026, 74.9060, 104.8442.



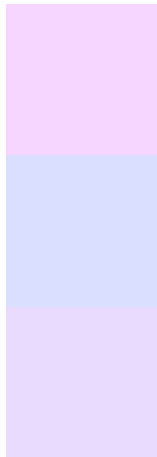
This preview shows how white text looks on a background with the XYZ color 80.1026, 74.9060,

104.8442.

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

80.1026, 74.9060, 104.8442

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.8252, 75.1424, 104.2207



Tritanopia

77.0289, 75.1957, 89.0516

Trichromacy



Original Color

80.1026, 74.9060, 104.8442

Protanomaly

75.9563, 75.0644, 105.0933

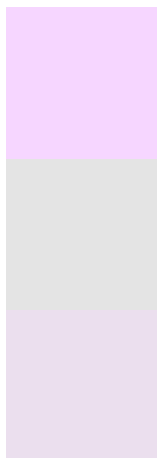
Deuteranomaly

77.9621, 74.9586, 104.1253

Tritanomaly

78.1481, 75.2696, 94.4140

Monochromacy



Original Color

80.1026, 74.9060, 104.8442

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.0812, 76.6106, 91.6663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1026, 74.9060, 104.8442 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(246, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 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(246, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.1026, 74.9060, 104.8442 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(246, 214, 255) }
```


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

```
.border{ border-color:rgb(246, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1026, 74.9060, 104.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 255) }
```

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

```
.background{ background-color: rgb(246,  
214, 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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