

Converting Colors

XYZ(81.5729, 76.0984,
102.4853)

Have a look what the booklet for
XYZ(81.5729, 76.0984, 102.4853)
contains.

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Color

**XYZ(81.6548, 76.1384,
102.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD7FC
RGB	251, 215, 252
RGB Percent	98%, 84%, 99%
CMY	0.0157, 0.1568, 0.0118
CMYK	0.00, 0.15, 0.00, 0.01
HSL	298°, 86%, 92%
HSV	298°, 15%, 99%
XYZ	81.6548, 76.1384, 102.4880
YIQ	229.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

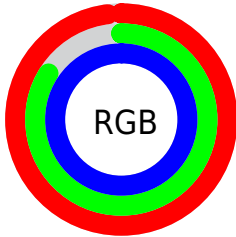
Format	Color
R _{YB}	251, 215, 252
Decimal	16504828
CIE _{Lab}	89.92, 18.75, -13.38
CIE _{LCh}	90, 23.034, 324.493
Yxy	76.1384, 0.3137, 0.2925
Android (android.graphics.Color)	4294694908 (0xFFFBD7FC)
YUV	229.9820, 10.8549, 18.4328
Hunter-Lab	87.2573, 14.3388, -8.5589

Details

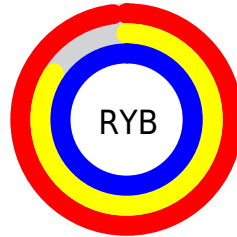
The XYZ color **81.6548, 76.1384, 102.4880** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3978, 89.1280, 77.5234**, and the grayscale version is **75.1197, 79.0318, 86.0656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6693, 40.5511, 57.1026** is the 20% darker color. If you saturate the color by 10%, you get **75.4816, 64.1544, 100.5013**, and if you desaturate by 10%, it is **88.8217, 90.1061, 104.8074**.

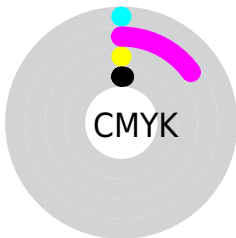
Distribution



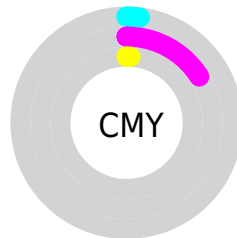
- Red (98%)
- Green (84%)
- Blue (99%)



- Red (98%)
- Yellow (84%)
- Blue (99%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6548, 76.1384, 102.4880 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 81.6548, 76.1384, 102.4880 by changing the saturation by 10% instead.

81.6548, 76.1384,
102.4880

81.6548, 76.1384,
102.4880

489.1443,
481.8213, 589.4550

61.3942, 56.5460,
77.7516

134.6282,
127.9225, 166.6537

44.7971, 40.6409,
57.3547

168.0716,
160.8830, 206.9200

31.4982, 28.0386,
40.8788

206.6400,
199.0684, 253.2001

21.1322, 18.3547,
27.9054

250.6988,
242.8629, 305.9124

13.3337, 11.2050,
18.0160

300.6132,
292.6511, 365.4755

7.7373, 6.2049,
10.7919

356.7487,

3.9777, 2.9701,

348.8173, 432.3079

5.8147

419.4706,
411.7459, 506.8283

■ 1.6895, 1.1161,
2.6658

■ 0.4497, 0.0000,
0.9261

■ 81.6548, 76.1384,
102.4880

■ 81.6548, 76.1384,
102.4880

■ 75.4816, 64.1544,
100.5013

■ 88.8217, 90.1061,
104.8074

■ 70.2503, 54.0540,
98.8275

■ 93.6076, 99.3118,
106.3321

■ 65.9145, 45.7434,
97.4519

■ 93.8552, 99.4394,
106.3436

■ 62.4213, 39.1166,
96.3569

■ 94.1036, 99.5675,
106.3553

■ 59.7123, 34.0568, 94.3529, 99.6960,
95.5231 106.3669

■ 57.7214, 30.4320, 94.5709, 99.8084,
94.9283 106.3771

■ 56.3720, 28.0889,
94.5472

■ 55.5698, 26.8389,
94.3482

■ 55.2940, 26.4753,
94.2926

Harmonies

Analogous

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



77.0039, 76.1384, 114.8496



81.6548, 76.1384, 102.4880



83.8265, 76.1384, 85.9486

Triad

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



81.6548, 76.1384, 102.4880



73.4235, 76.1384, 55.4337



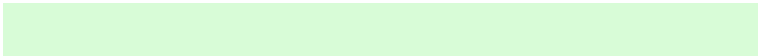
62.8505, 76.1384, 96.5987

Complementary

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



81.6548, 76.1384, 102.4880



75.3978, 89.1280, 77.5234

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.



62.0031, 76.1384, 79.9278



81.6548, 76.1384, 102.4880



67.9206, 76.1384, 57.5069

Square

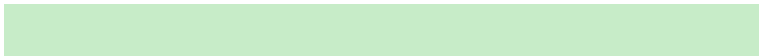
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6548, 76.1384, 102.4880



78.9170, 76.1384, 59.8982



63.8121, 76.1384, 65.9848



66.1903, 76.1384, 111.1491

Rectangle

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



81.6548, 76.1384, 102.4880



83.4982, 76.1384, 75.2964



63.8121, 76.1384, 65.9848



62.2723, 76.1384, 91.0027

Sweetspot

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



81.6571, 76.1417, 102.4896



91.7806, 93.6116, 107.8392



70.2140, 70.7106, 102.0444



19.5173, 19.7878, 23.0407



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.



81.6571, 76.1417, 102.4896



81.6601, 73.8955, 104.5670



79.4047, 75.2825, 88.7439



17.9439, 17.4993, 21.8172



28.8244, 13.8022, 49.1184



2.6839, 1.2857, 4.5499

Inverse Universe

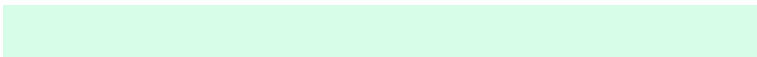
The Inverse Universe completely reimagines the original color for something new.



76.8427, 74.2577, 75.2526



75.7403, 71.5801, 71.0197



77.4408, 89.9112, 89.8185



17.2636, 17.2328, 17.9780



20.9399, 10.7917, 1.1258



1.9459, 1.0021, 0.1384

Previews

White Background



This preview shows how the XYZ color 81.6548, 76.1384, 102.4880 looks on a white background.

Color Contrast Check

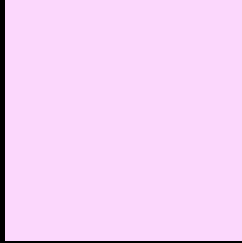
Large Text (above 18pt) WCAG AA × Fail

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 81.6548, 76.1384, 102.4880 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 81.6548, 76.1384, 102.4880

Background



This preview shows how black text looks on a background with the XYZ color 81.6548, 76.1384, 102.4880.

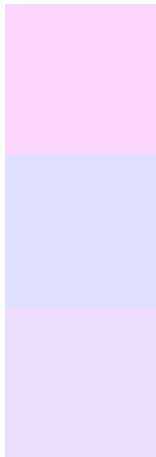


This preview shows how white text looks on a background with the XYZ color 81.6548, 76.1384,

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

81.6548, 76.1384, 102.4880

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

77.9308, 76.1560, 101.8590



Tritanopia

79.1337, 76.2807, 89.1501

Trichromacy



Original Color

81.6548, 76.1384, 102.4880

Protanomaly

77.0246, 76.0245, 104.3805

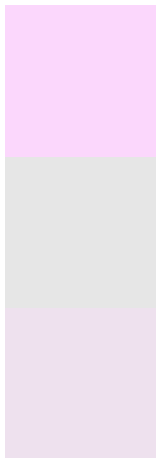
Deuteranomaly

79.1019, 75.9851, 101.7643

Tritanomaly

80.1144, 76.3006, 93.7241

Monochromacy



Original Color

81.6548, 76.1384, 102.4880

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.6177, 78.2006, 91.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6548, 76.1384, 102.4880 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(251, 215, 252)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 252)  
}
```

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(251, 215, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.6548, 76.1384, 102.4880 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(251, 215, 252) }
```


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

```
.border{ border-color:rgb(251, 215, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6548, 76.1384, 102.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 252) }
```

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

```
.background{ background-color: rgb(251,  
215, 252) }
```

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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