

Converting Colors

XYZ(81.0433, 65.7496,
102.3866)

Have a look what the booklet for
XYZ(81.0433, 65.7496, 102.3866)
contains.

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Color

**XYZ(76.6883, 63.5336,
101.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAFE
RGB	255, 186, 254
RGB Percent	100%, 73%, 100%
CMY	0.0000, 0.2706, 0.0039
CMYK	0.00, 0.27, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 27%, 100%
XYZ	76.6883, 63.5336, 101.9872
YIQ	214.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

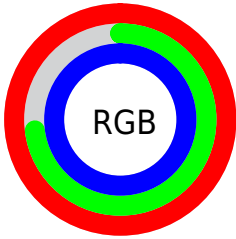
Format	Color
R _Y B	255, 186, 254
Decimal	16759550
CIE _{Lab}	83.72, 35.64, -23.75
CIE _{LCh}	84, 42.830, 326.322
Yxy	63.5336, 0.3166, 0.2623
Android (android.graphics.Color)	4294949630 (0xFFFFBAFE)
YUV	214.3830, 19.5312, 35.6211
Hunter-Lab	79.7080, 32.2487, -20.0666

Details

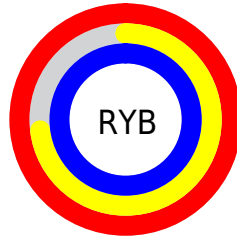
The XYZ color **76.6883, 63.5336, 101.9872** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.9813, 85.5479, 60.1039**, and the grayscale version is **64.0393, 67.3743, 73.3706**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **41.3553, 32.4041, 56.8983** is the 20% darker color. If you saturate the color by 10%, you get **71.7292, 53.7095, 100.0436**, and if you desaturate by 10%, it is **82.6089, 75.2798, 104.2536**.

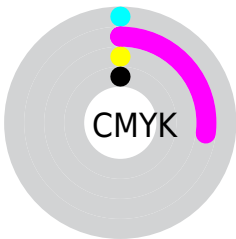
Distribution



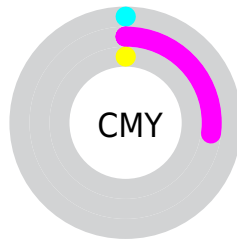
- Red (100%)
- Green (73%)
- Blue (100%)



- Red (100%)
- Yellow (73%)
- Blue (100%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6883, 63.5336, 101.9872 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 76.6883, 63.5336, 101.9872 by changing the saturation by 10% instead.

76.6883, 63.5336,
101.9872

76.6883, 63.5336,
101.9872

472.6089,
437.5034, 587.8462

57.2961, 46.2730,
77.3351

127.6746,
109.9390, 165.9610

41.4841, 32.4613,
57.0147

159.9994,
139.8526, 206.1198

28.8869, 21.7141,
40.6076

197.3658,
174.7526, 252.2845

19.1391, 13.6470,
27.6952

240.1391,
215.0235, 304.8737

11.8754, 7.8755,
17.8590

288.6847,
261.0496, 364.3059

6.7305, 4.0154,
10.6804

343.3680,

3.3390, 1.6822,

313.2154, 430.9997

5.7409

404.5542,
371.9052, 505.3736

■ 1.3354, 0.4121,
2.6220

■ 0.2095, 0.0000,
0.9038

■ 76.6883, 63.5336,
101.9872

■ 76.6883, 63.5336,
101.9872

■ 71.7292, 53.7095,
100.0436

■ 82.6089, 75.2798,
104.2536

■ 67.6763, 45.6982,
98.4017

■ 89.5339, 89.0350,
106.8545

■ 64.4754, 39.3906,
97.0445

95.0500, 100.0000,
108.9000

■ 62.0647, 34.6631,
95.9511

■ 60.3740, 31.3755,
95.0983

■ 59.3208, 29.3627,
94.4587

■ 58.7998, 28.4143,
93.9969

■ 58.7012, 28.2445,
93.8794

Harmonies

Analogous

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



68.7497, 63.5336, 126.6304



76.6883, 63.5336, 101.9872



80.2514, 63.5336, 72.5471

Triad

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



76.6883, 63.5336, 101.9872



61.5522, 63.5336, 29.3489



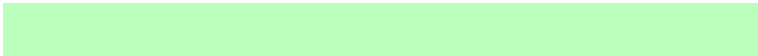
45.6092, 63.5336, 94.7256

Complementary

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



76.6883, 63.5336, 101.9872



64.9813, 85.5479, 60.1039

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.



44.1047, 63.5336, 65.9134



76.6883, 63.5336, 101.9872



52.7311, 63.5336, 32.4162

Square

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



76.6883, 63.5336, 101.9872



70.9599, 63.5336, 34.4585



46.5764, 63.5336, 44.2874



50.9198, 63.5336, 121.7320

Rectangle

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



76.6883, 63.5336, 101.9872



79.4199, 63.5336, 55.6421



46.5764, 63.5336, 44.2874



44.6669, 63.5336, 84.7466

Sweetspot

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



76.6897, 63.5361, 101.9885



88.8364, 87.6489, 106.5944



55.8612, 52.7801, 101.8511



18.7807, 18.2956, 22.7282



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.



76.6897, 63.5361, 101.9885



74.1207, 58.4449, 100.9881



71.7851, 61.5743, 76.1614



18.7807, 18.2956, 22.7282



30.6778, 14.7604, 49.0814



2.9905, 1.4386, 4.7974

Inverse Universe

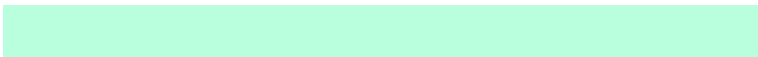
The Inverse Universe completely reimagines the original color for something new.



76.6897, 63.5361, 101.9885



74.1207, 58.4449, 100.9881



68.9961, 87.1538, 81.2458



18.7807, 18.2956, 22.7282



30.6778, 14.7604, 49.0814



2.9905, 1.4386, 4.7974

Previews

White Background



This preview shows how the XYZ color 76.6883, 63.5336, 101.9872 looks on a white background.

Color Contrast Check

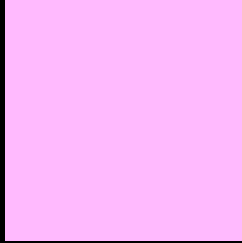
Large Text (above 18pt) WCAG AA × Fail

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 76.6883, 63.5336, 101.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

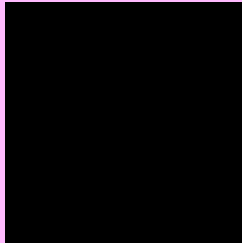
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6883, 63.5336, 101.9872

Background



This preview shows how black text looks on a background with the XYZ color 76.6883, 63.5336, 101.9872.



This preview shows how white text looks on a background with the XYZ color 76.6883, 63.5336,

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

76.6883, 63.5336, 101.9872

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

65.2999, 63.7061, 100.1216



Tritanopia

69.8673, 63.3268, 68.8625

Trichromacy



Original Color

76.6883, 63.5336, 101.9872



Protanomaly

67.3869, 62.9723, 103.2109



Deuteranomaly

68.9010, 63.1295, 100.6492



Tritanomaly

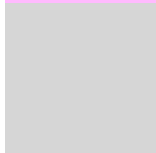
72.0051, 63.2071, 79.6393

Monochromacy



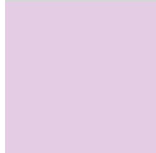
Original Color

76.6883, 63.5336, 101.9872



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

68.0488, 65.5009, 83.1851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6883, 63.5336, 101.9872 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(255, 186, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 254)  
}
```

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(255, 186, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.6883, 63.5336, 101.9872 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(255, 186, 254) }
```


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

```
.border{ border-color:rgb(255, 186, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6883, 63.5336, 101.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 254) }
```

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

```
.background{ background-color: rgb(255,  
186, 254) }
```

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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