

Converting Colors

XYZ(93.7198, 72.5042,
101.1305)

Have a look what the booklet for
XYZ(93.7198, 72.5042, 101.1305)
contains.

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Color

**XYZ(76.3696, 63.4061,
100.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAFC
RGB	255, 186, 252
RGB Percent	100%, 73%, 99%
CMY	0.0000, 0.2706, 0.0118
CMYK	0.00, 0.27, 0.01, 0.00
HSL	303°, 100%, 86%
HSV	303°, 27%, 100%
XYZ	76.3696, 63.4061, 100.3089
YIQ	214.1550, 19.9380, 35.1540

Conversions

Conversions Part 2

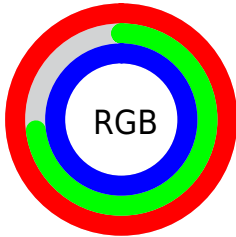
Format	Color
R _Y B	255, 186, 252
Decimal	16759548
CIE Lab	83.66, 35.28, -22.79
CIE LCh	84, 42.002, 327.146
Yxy	63.4061, 0.3181, 0.2641
Android (android.graphics.Color)	4294949628 (0xFFFFBAFC)
YUV	214.1550, 18.6576, 35.8211
Hunter-Lab	79.6279, 31.8469, -18.9492

Details

The XYZ color **76.3696, 63.4061, 100.3089** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1969, 85.6342, 61.2396**, and the grayscale version is **63.8912, 67.2185, 73.2009**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **41.1275, 32.3130, 55.6991** is the 20% darker color. If you saturate the color by 10%, you get **71.2943, 53.5356, 97.7539**, and if you desaturate by 10%, it is **82.4072, 75.1991, 103.1915**.

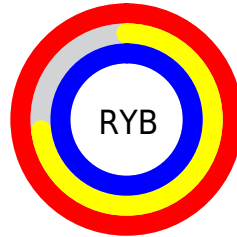
Distribution



Red (100%)

Green (73%)

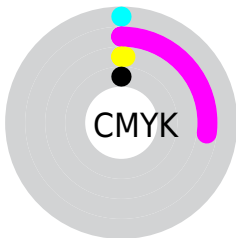
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

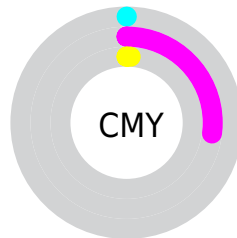


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3696, 63.4061, 100.3089 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 76.3696, 63.4061, 100.3089 by changing the saturation by 10% instead.


 76.3696, 63.4061,
100.3089

 76.3696, 63.4061,
100.3089


471.5369,
437.0418, 582.4377

 57.0337, 46.1698,
75.9402


 127.2268,
109.7552, 163.6372

 41.2726, 32.3798,
55.8771

159.4788,
139.6368, 203.4339

 28.7207, 21.6518,
39.7011


196.7670,
174.5022, 249.2103

 19.0129, 13.6013,
26.9935

239.4566,
214.7360, 301.3851

 11.7837, 7.8439,
17.3360

287.9131,
260.7225, 360.3766

 6.6677, 3.9952,
10.3098

342.5017,

 3.2996, 1.6709,

312.8460, 426.6036

5.4966

403.5879,
371.4910, 500.4844

■ 1.3141, 0.4047,
2.4777

■ 0.1938, 0.0000,
0.8283

■ 76.3696, 63.4061,
100.3089

■ 76.3696, 63.4061,
100.3089

■ 71.2943, 53.5356,
97.7539

■ 82.4072, 75.1991,
103.1915

■ 67.1263, 45.4782,
95.5054

■ 89.4502, 89.0014,
106.4134

■ 63.8111, 39.1248,
93.5463

95.0500, 100.0000,
108.9000

■ 61.2870, 34.3520,
91.8559

■ 59.4838, 31.0194,
90.4108

■ 58.3190, 28.9620,
89.1836

■ 57.6874, 27.9693,
88.1391

■ 57.5564, 27.7866,
87.8509

Harmonies

Analogous

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



68.6966, 63.4061, 124.6019



76.3696, 63.4061, 100.3089



79.7025, 63.4061, 71.5906

Triad

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



76.3696, 63.4061, 100.3089



61.1502, 63.4061, 29.8127



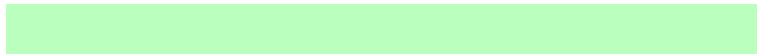
45.8635, 63.4061, 94.8105

Complementary

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



76.3696, 63.4061, 100.3089



65.1969, 85.6342, 61.2396

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.



44.2773, 63.4061, 66.5478



76.3696, 63.4061, 100.3089



52.5543, 63.4061, 33.0752

Square

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



76.3696, 63.4061, 100.3089



70.3740, 63.4061, 34.6431



46.6013, 63.4061, 45.0531



51.1747, 63.4061, 120.9017

Rectangle

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



76.3696, 63.4061, 100.3089



78.7859, 63.4061, 55.1626



46.6013, 63.4061, 45.0531



44.9021, 63.4061, 85.0655

Sweetspot

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



76.3710, 63.4086, 100.3102



88.7415, 87.6109, 106.0945



56.4245, 53.0705, 101.8775



18.7566, 18.2859, 22.6011



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.



76.3710, 63.4086, 100.3102



73.7445, 58.2944, 99.0069



71.4816, 61.4528, 74.5632



18.7566, 18.2859, 22.6011



30.0895, 14.5251, 45.9831



2.9399, 1.4183, 4.5307

Inverse Universe

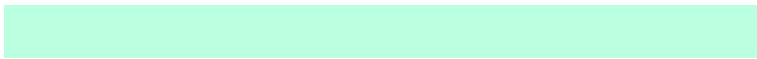
The Inverse Universe completely reimagines the original color for something new.



76.3710, 63.4086, 100.3102



73.7445, 58.2944, 99.0069



69.3038, 87.2769, 82.8661



18.7566, 18.2859, 22.6011



30.0895, 14.5251, 45.9831



2.9399, 1.4183, 4.5307

Previews

White Background



This preview shows how the XYZ color 76.3696, 63.4061, 100.3089 looks on a white background.

Color Contrast Check

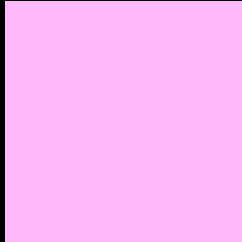
Large Text (above 18pt) WCAG AA × Fail

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 76.3696, 63.4061, 100.3089 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 76.3696, 63.4061, 100.3089

Background



This preview shows how black text looks on a background with the XYZ color 76.3696, 63.4061, 100.3089.



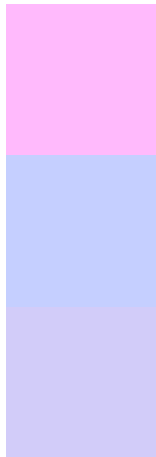
This preview shows how white text looks on a background with the XYZ color 76.3696, 63.4061,

100.3089.

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

76.3696, 63.4061, 100.3089

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

65.2701, 63.7269, 98.4830



Tritanopia

69.8673, 63.3268, 68.8625

Trichromacy



Original Color

76.3696, 63.4061, 100.3089



Protanomaly

67.2263, 62.9080, 102.3652



Deuteranomaly

68.5856, 63.0034, 98.9885



Tritanomaly

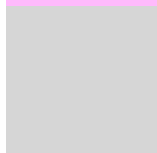
72.0051, 63.2071, 79.6393

Monochromacy



Original Color

76.3696, 63.4061, 100.3089



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.9096, 65.4452, 82.4518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3696, 63.4061, 100.3089 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.3696, 63.4061, 100.3089 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, 252) }
```


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

```
.border{ border-color:rgb(255, 186, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 252); box-shadow:4px 4px 4px 4px rgb(255, 186, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3696, 63.4061, 100.3089 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, 252) }
```

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

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