

Converting Colors

XYZ(104.0202, 77.1473,
103.5019)

Have a look what the booklet for
XYZ(104.0202, 77.1473, 103.5019)
contains.

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Color

**XYZ(76.4784, 63.1137,
101.9172)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9FE
RGB	255, 185, 254
RGB Percent	100%, 73%, 100%
CMY	0.0000, 0.2745, 0.0039
CMYK	0.00, 0.27, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 27%, 100%
XYZ	76.4784, 63.1137, 101.9172
YIQ	213.7960, 19.5710, 36.2990

Conversions

Conversions Part 2

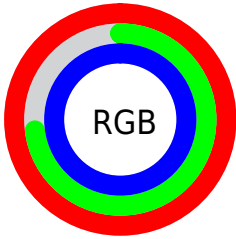
Format	Color
R _Y B	255, 185, 254
Decimal	16759294
CIE Lab	83.50, 36.17, -24.09
CIE LCh	84, 43.452, 326.337
Yxy	63.1137, 0.3167, 0.2613
Android (android.graphics.Color)	4294949374 (0xFFFFB9FE)
YUV	213.7960, 19.8206, 36.1359
Hunter-Lab	79.4441, 32.8092, -20.4510

Details

The XYZ color **76.4784, 63.1137, 101.9172** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6324, 85.3804, 59.5305**, and the grayscale version is **63.6426, 66.9569, 72.9161**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **41.2203, 32.1341, 56.8533** is the 20% darker color. If you saturate the color by 10%, you get **71.5566, 53.3631, 99.9902**, and if you desaturate by 10%, it is **82.3596, 74.7825, 104.1663**.

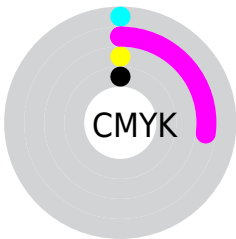
Distribution



- 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 76.4784, 63.1137, 101.9172 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 76.4784, 63.1137, 101.9172 by changing the saturation by 10% instead.

76.4784, 63.1137,
101.9172

76.4784, 63.1137,
101.9172

471.9030,
435.9820, 587.6212

57.1233, 45.9332,
77.2769

127.3797,
109.3335, 165.8642

41.3448, 32.1931,
56.9672

159.6566,
139.1416, 206.0079

28.7774, 21.5090,
40.5697

196.9715,
173.9278, 252.1564

19.0560, 13.4966,
27.6659

239.6897,
214.0763, 304.7284

11.8150, 7.7714,
17.8371

288.1766,
259.9715, 364.1423

6.6891, 3.9490,
10.6649

342.7976,

3.3130, 1.6451,

311.9980, 430.8167

5.7306

403.9179,
370.5400, 505.1702

■ 1.3214, 0.3877,
2.6159

■ 0.1991, 0.0000,
0.9006

■ 76.4784, 63.1137,
101.9172

■ 76.4784, 63.1137,
101.9172

■ 71.5566, 53.3631,
99.9902

■ 82.3596, 74.7825,
104.1663

■ 67.5391, 45.4210,
98.3643

■ 89.2435, 88.4567,
106.7493

■ 64.3712, 39.1782,
97.0221

95.0500, 100.0000,
108.9000

■ 61.9909, 34.5103,
95.9430

■ 60.3277, 31.2763,
95.1035

■ 59.2984, 29.3100,
94.4759

■ 58.7948, 28.3949,
94.0240

■ 58.7095, 28.2478,
93.9232

Harmonies

Analogous

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



68.4456, 63.1137, 126.9420



76.4784, 63.1137, 101.9172



80.0845, 63.1137, 72.1099

Triad

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



76.4784, 63.1137, 101.9172



61.1599, 63.1137, 28.6721



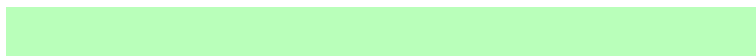
45.0865, 63.1137, 94.5869

Complementary

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



76.4784, 63.1137, 101.9172



64.6324, 85.3804, 59.5305

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.



43.5701, 63.1137, 65.4382



76.4784, 63.1137, 101.9172



52.2569, 63.1137, 31.7425

Square

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



76.4784, 63.1137, 101.9172



70.6721, 63.1137, 33.7777



46.0562, 63.1137, 43.6499



50.4384, 63.1137, 121.9862

Rectangle

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



76.4784, 63.1137, 101.9172



79.2400, 63.1137, 55.0536



46.0562, 63.1137, 43.6499



44.1373, 63.1137, 84.4795

Sweetspot

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



76.4797, 63.1161, 101.9185



88.8371, 87.6491, 106.5980



55.4091, 52.2353, 101.7698



18.7809, 18.2957, 22.7291



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.



76.4797, 63.1161, 101.9185



73.6318, 57.4721, 100.8097



71.5088, 61.1278, 75.7420



18.7809, 18.2957, 22.7291



30.6821, 14.7621, 49.1039



2.9909, 1.4387, 4.7993

Inverse Universe

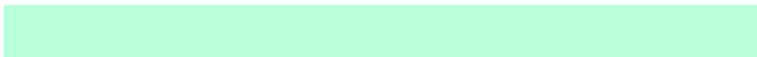
The Inverse Universe completely reimagines the original color for something new.



76.4797, 63.1161, 101.9185



73.6318, 57.4721, 100.8097



68.6876, 87.0025, 80.8851



18.7809, 18.2957, 22.7291



30.6821, 14.7621, 49.1039



2.9909, 1.4387, 4.7993

Previews

White Background



This preview shows how the XYZ color 76.4784, 63.1137, 101.9172 looks on a white background.

Color Contrast Check

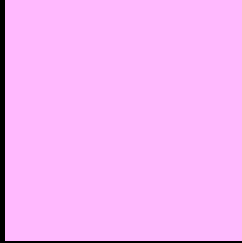
Large Text (above 18pt) WCAG AA × Fail

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 76.4784, 63.1137, 101.9172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

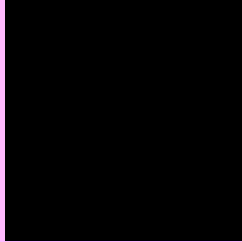
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4784, 63.1137, 101.9172

Background



This preview shows how black text looks on a background with the XYZ color 76.4784, 63.1137, 101.9172.

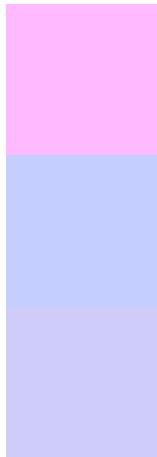


This preview shows how white text looks on a background with the XYZ color 76.4784, 63.1137,

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

76.4784, 63.1137, 101.9172

Protanopia

63.1278, 63.5814, 103.5530

Deuteranopia

64.8606, 63.4978, 99.2803



Tritanopia

69.8673, 63.3268, 68.8625

Trichromacy



Original Color

76.4784, 63.1137, 101.9172



Protanomaly

67.0887, 62.8186, 103.1970



Deuteranomaly

68.4302, 62.9051, 99.8020



Tritanomaly

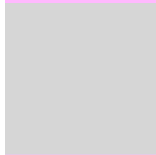
72.0051, 63.2071, 79.6393

Monochromacy



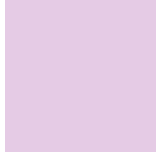
Original Color

76.4784, 63.1137, 101.9172



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.8119, 65.0270, 83.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4784, 63.1137, 101.9172 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, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.4784, 63.1137, 101.9172 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, 185, 254) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4784, 63.1137, 101.9172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 254) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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