

Converting Colors

XYZ(76.2004, 62.5362,
101.8910)

Have a look what the booklet for
XYZ(76.2004, 62.5362, 101.8910)
contains.

XYZ(76.2699, 62.6967, 101.8478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2699, 62.6967,
101.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8FE
RGB	255, 184, 254
RGB Percent	100%, 72%, 100%
CMY	0.0000, 0.2784, 0.0039
CMYK	0.00, 0.28, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 28%, 100%
XYZ	76.2699, 62.6967, 101.8478
YIQ	213.2090, 19.8460, 36.8220

Conversions

Conversions Part 2

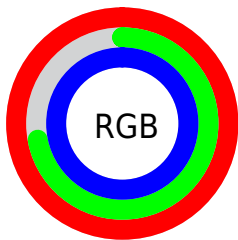
Format	Color
R _Y B	255, 184, 254
Decimal	16759038
CIE Lab	83.28, 36.69, -24.42
CIE LCh	83, 44.073, 326.353
Yxy	62.6967, 0.3167, 0.2604
Android (android.graphics.Color)	4294949118 (0xFFFFB8FE)
YUV	213.2090, 20.1100, 36.6507
Hunter-Lab	79.1812, 33.3697, -20.8356

Details

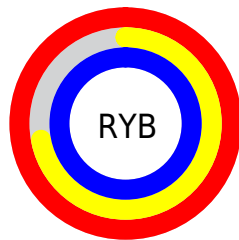
The XYZ color **76.2699, 62.6967, 101.8478** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.2859, 85.2140, 58.9611**, and the grayscale version is **63.2473, 66.5411, 72.4633**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **41.0866, 31.8668, 56.8087** is the 20% darker color. If you saturate the color by 10%, you get **71.3854, 53.0194, 99.9373**, and if you desaturate by 10%, it is **82.1118, 74.2882, 104.0797**.

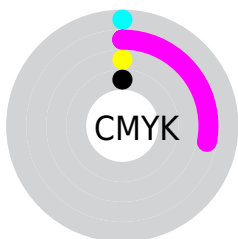
Distribution



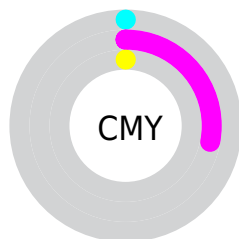
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2699, 62.6967, 101.8478 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 76.2699, 62.6967, 101.8478 by changing the saturation by 10% instead.

76.2699, 62.6967,
101.8478

76.2699, 62.6967,
101.8478

471.2013,
434.4679, 587.3980

56.9517, 45.5959,
77.2191

127.0867,
108.7318, 165.7681

41.2064, 31.9270,
56.9201

159.3159,
138.4349, 205.8969

28.6688, 21.3058,
40.5322

196.5796,
173.1076, 252.0295

18.9734, 13.3477,
27.6368

239.2430,
213.1342, 304.5844

11.7550, 7.6684,
17.8154

287.6716,
258.8991, 363.9801

6.6481, 3.8835,
10.6495

342.2305,

3.2874, 1.6086,

310.7868, 430.6353

5.7205

403.2853,
369.1816, 504.9684

■ 1.3075, 0.3634,
2.6098

■ 0.1888, 0.0000,
0.8975

■ 76.2699, 62.6967,
101.8478

■ 76.2699, 62.6967,
101.8478

■ 71.3854, 53.0194,
99.9373

■ 82.1118, 74.2882,
104.0797

■ 67.4031, 45.1465,
98.3272

■ 88.9547, 87.8817,
106.6449

■ 64.2682, 38.9682,
97.0000

95.0500, 100.0000,
108.9000

■ 61.9183, 34.3596,
95.9351

■ 60.2824, 31.1790,
95.1087

■ 59.2768, 29.2589,
94.4930

■ 58.7897, 28.3755,
94.0506

■ 58.7177, 28.2511,
93.9662

Harmonies

Analogous

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



68.1436, 62.6967, 127.2545



76.2699, 62.6967, 101.8478



79.9187, 62.6967, 71.6752

Triad

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



76.2699, 62.6967, 101.8478



60.7701, 62.6967, 28.0068



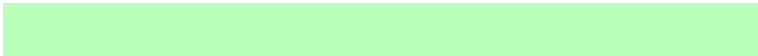
44.5689, 62.6967, 94.4497

Complementary

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



76.2699, 62.6967, 101.8478



64.2859, 85.2140, 58.9611

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.



43.0409, 62.6967, 64.9667



76.2699, 62.6967, 101.8478



51.7864, 62.6967, 31.0794

Square

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



76.2699, 62.6967, 101.8478



70.3858, 62.6967, 33.1068



45.5408, 62.6967, 43.0199



49.9611, 62.6967, 122.2418

Rectangle

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



76.2699, 62.6967, 101.8478



79.0613, 62.6967, 54.4700



45.5408, 62.6967, 43.0199



43.6130, 62.6967, 84.2145

Sweetspot

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



76.2712, 62.6991, 101.8491



88.8378, 87.6494, 106.6015



54.9601, 51.6943, 101.6890



18.7810, 18.2957, 22.7300



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.



76.2712, 62.6991, 101.8491



73.6345, 57.4732, 100.8240



71.2341, 60.6843, 75.3242



18.7810, 18.2957, 22.7300



30.6863, 14.7638, 49.1260



2.9912, 1.4389, 4.8012

Inverse Universe

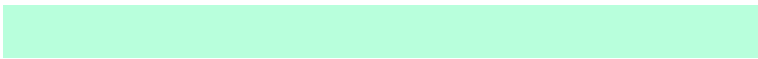
The Inverse Universe completely reimagines the original color for something new.



76.2712, 62.6991, 101.8491



73.6345, 57.4732, 100.8240



68.3810, 86.8520, 80.5255



18.7810, 18.2957, 22.7300



30.6863, 14.7638, 49.1260



2.9912, 1.4389, 4.8012

Previews

White Background



This preview shows how the XYZ color 76.2699, 62.6967, 101.8478 looks on a white background.

Color Contrast Check

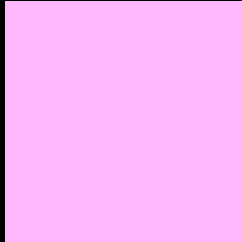
Large Text (above 18pt) WCAG AA × Fail

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 76.2699, 62.6967, 101.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

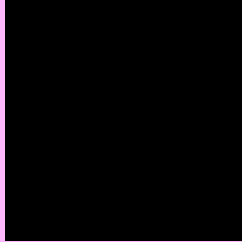
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2699, 62.6967, 101.8478

Background



This preview shows how black text looks on a background with the XYZ color 76.2699, 62.6967, 101.8478.



This preview shows how white text looks on a background with the XYZ color 76.2699, 62.6967,

101.8478.

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

76.2699, 62.6967, 101.8478

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.3434, 62.8794, 99.1882



Tritanopia

69.5221, 62.8337, 68.1384

Trichromacy



Original Color

76.2699, 62.6967, 101.8478



Protanomaly

66.8594, 62.3599, 103.1205



Deuteranomaly

67.8930, 62.2922, 99.7120



Tritanomaly

71.7877, 62.7724, 79.5668

Monochromacy



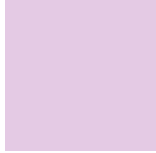
Original Color

76.2699, 62.6967, 101.8478



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

67.1190, 64.3365, 82.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2699, 62.6967, 101.8478 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, 184, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.2699, 62.6967, 101.8478 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, 184, 254) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2699, 62.6967, 101.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 254) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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