

# Converting Colors

XYZ(74.7099, 62.9453,  
102.8198)

Have a look what the booklet for  
XYZ(74.7099, 62.9453, 102.8198)  
contains.

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# Color

**XYZ(74.5317, 62.7171,  
102.7851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8BBFF
RGB	248, 187, 255
RGB Percent	97%, 73%, 100%
CMY	0.0274, 0.2666, 0.0000
CMYK	0.03, 0.27, 0.00, 0.00
HSL	294°, 100%, 87%
HSV	294°, 27%, 100%
XYZ	74.5317, 62.7171, 102.7851
YIQ	212.9910, 14.5280, 34.0800

# Conversions

## Conversions Part 2

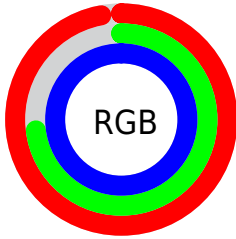
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 187, 255
Decimal	16301055
CIE Lab	83.29, 33.09, -25.00
CIE LCh	83, 41.468, 322.926
Yxy	62.7171, 0.3105, 0.2613
Android (android.graphics.Color)	4294491135 (0xFFF8BBFF)
YUV	212.9910, 20.7104, 30.7029
Hunter-Lab	79.1941, 29.4014, -21.5159

# Details

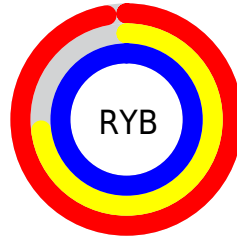
The XYZ color **74.5317, 62.7171, 102.7851** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9793, 86.5779, 60.1978**, and the grayscale version is **63.1006, 66.3867, 72.2951**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **40.0664, 31.9286, 57.4772** is the 20% darker color. If you saturate the color by 10%, you get **68.6713, 52.3672, 101.0962**, and if you desaturate by 10%, it is **81.3692, 75.0000, 104.7956**.

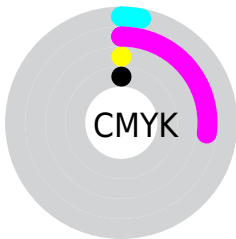
# Distribution



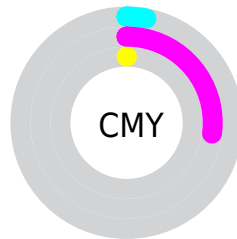
- Red (97%)
- Green (73%)
- Blue (100%)



- Red (97%)
- Yellow (73%)
- Blue (100%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5317, 62.7171, 102.7851 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 74.5317, 62.7171, 102.7851 by changing the saturation by 10% instead.



74.5317, 62.7171,  
102.7851

74.5317, 62.7171,  
102.7851

465.3284,  
434.5421, 590.4083

55.5221, 45.6124,  
77.9987

124.6407,  
108.7613, 167.0645

40.0554, 31.9401,  
57.5565

156.4709,  
138.4695, 207.3945

27.7662, 21.3157,  
41.0399

193.3053,  
173.1477, 253.7429

18.2890, 13.3550,  
28.0303

235.5093,  
213.1803, 306.5281

11.2586, 7.6734,  
18.1093

283.4482,  
258.9516, 366.1687

6.3096, 3.8867,  
10.8582

337.4875,

3.0767, 1.6104,

310.8461, 433.0833

5.8586

397.9925,  
369.2481, 507.6903

■ 1.1945, 0.3646,  
2.6919

■ 0.1020, 0.0000,  
0.9393

■ 74.5317, 62.7171,  
102.7851

■ 74.5317, 62.7171,  
102.7851

■ 68.6713, 52.3672,  
101.0962

■ 81.3692, 75.0000,  
104.7956

■ 63.7317, 43.8406,  
99.7108

■ 89.2255, 89.3020,  
107.1421

■ 59.6593, 37.0289,  
98.6106

95.0500, 100.0000,  
108.9000

■ 56.3923, 31.8092,  
97.7753

■ 53.8610, 28.0417,  
97.1815

■ 51.9835, 25.5628,  
96.8020

■ 50.6567, 24.1664,  
96.6024

■ 50.2848, 23.8376,  
96.5586

# Harmonies

## Analogous

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



66.6184, 62.7171, 124.9471



74.5317, 62.7171, 102.7851



78.5125, 62.7171, 74.5837

# Triad

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



74.5317, 62.7171, 102.7851



61.7702, 62.7171, 29.9314



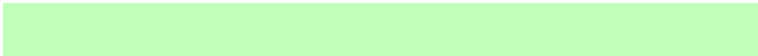
45.0339, 62.7171, 89.5003

# Complementary

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



74.5317, 62.7171, 102.7851



66.9793, 86.5779, 60.1978

# 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.



44.0157, 62.7171, 62.3575



74.5317, 62.7171, 102.7851



53.1126, 62.7171, 32.0221

# Square

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



74.5317, 62.7171, 102.7851



70.6784, 62.7171, 35.8543



46.8272, 62.7171, 42.5284



49.7633, 62.7171, 116.0260



# Rectangle

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



74.5317, 62.7171, 102.7851



78.1440, 62.7171, 57.7784



46.8272, 62.7171, 42.5284



44.2672, 62.7171, 80.0011

# Sweetspot

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



74.5335, 62.7197, 102.7855



88.1157, 87.2718, 106.8087



58.0461, 56.7880, 102.5096



18.5976, 18.1998, 22.7827



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.



74.5335, 62.7197, 102.7855



71.2877, 56.9625, 101.8453



73.1453, 62.4565, 82.2816



18.5976, 18.1998, 22.7827



26.3496, 12.4942, 50.4574



2.6164, 1.2427, 4.9152



# Inverse Universe

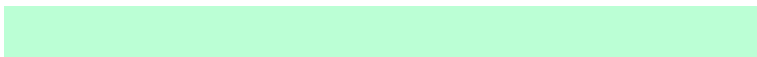
The Inverse Universe completely reimagines the original color for something new.



68.7495, 60.6982, 59.1336



64.6831, 54.6699, 51.2901



68.2740, 86.8931, 76.1711



18.0853, 18.0174, 19.0665



21.6723, 11.1582, 1.6587



2.1341, 1.0960, 0.2875



# Previews

## White Background



This preview shows how the XYZ color 74.5317, 62.7171, 102.7851 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

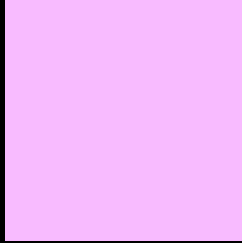
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.5317, 62.7171, 102.7851 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 74.5317, 62.7171, 102.7851

## Background



This preview shows how black text looks on a background with the XYZ color 74.5317, 62.7171, 102.7851.



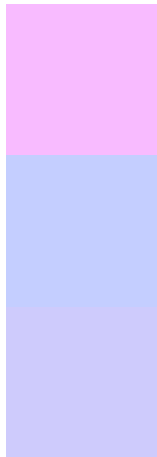
This preview shows how white text looks on a background with the XYZ color 74.5317, 62.7171,



# 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

74.5317, 62.7171, 102.7851

### Protanopia

62.8863, 63.0984, 103.4725

### Deuteranopia

64.3802, 62.8620, 100.8358



## Tritanopia

67.8909, 62.6106, 70.1348

# Trichromacy



## Original Color

74.5317, 62.7171, 102.7851



## Protanomaly

66.4978, 62.5139, 103.1693



## Deuteranomaly

67.5147, 62.3965, 101.4138



## Tritanomaly

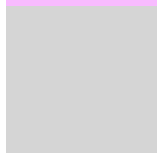
70.0230, 62.4784, 81.0420

# Monochromacy



## Original Color

74.5317, 62.7171, 102.7851



## Achromatopsia

63.2451, 66.5387, 72.4607



## Achromatomaly

66.9605, 64.9559, 82.4073

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.5317, 62.7171, 102.7851 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(248, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 187, 255)  
}
```

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(248, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 187, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 74.5317, 62.7171, 102.7851 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(248, 187, 255) }
```



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

```
.border{ border-color:rgb(248, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 187,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.5317, 62.7171, 102.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 187, 255) }
```

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

```
.background{ background-color: rgb(248,  
187, 255) }
```

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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