

# Converting Colors

XYZ(73.7270, 62.0819, 98.5404)

Have a look what the booklet for  
XYZ(73.7270, 62.0819, 98.5404)  
contains.

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# Color

**XYZ(73.8811, 62.1597,  
98.5465)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BAFA
RGB	249, 186, 250
RGB Percent	98%, 73%, 98%
CMY	0.0235, 0.2706, 0.0196
CMYK	0.00, 0.26, 0.00, 0.02
HSL	299°, 86%, 85%
HSV	299°, 26%, 98%
XYZ	73.8811, 62.1597, 98.5465
YIQ	212.1330, 17.0040, 33.2600

# Conversions

## Conversions Part 2

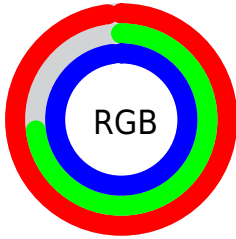
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 186, 250
Decimal	16366330
CIE <sub>Lab</sub>	83.00, 33.01, -22.77
CIE <sub>LCh</sub>	83, 40.105, 325.401
Y <sub>xy</sub>	62.1597, 0.3149, 0.2650
Android (android.graphics.Color)	4294556410 (0xFFFF9BAFA)
Y <sub>UV</sub>	212.1330, 18.6684, 32.3324
Hunter-Lab	78.8414, 29.2971, -18.9195

# Details

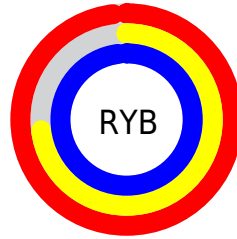
The XYZ color **73.8811, 62.1597, 98.5465** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5443, 82.4827, 59.0292**, and the grayscale version is **62.5413, 65.7983, 71.6543**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.6151, 31.5593, 54.4557** is the 20% darker color. If you saturate the color by 10%, you get **68.9297, 52.4622, 96.9366**, and if you desaturate by 10%, it is **79.7580, 73.7055, 100.4662**.

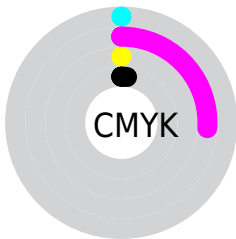
# Distribution



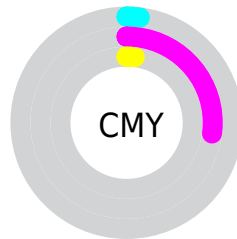
- Red (98%)
- Green (73%)
- Blue (98%)



- Red (98%)
- Yellow (73%)
- Blue (98%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (27%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8811, 62.1597, 98.5465 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 73.8811, 62.1597, 98.5465 by changing the saturation by 10% instead.




 73.8811, 62.1597,  
98.5465

 73.8811, 62.1597,  
98.5465


463.1196,  
432.5134, 576.7293

 54.9877, 45.1618,  
74.4771


 123.7237,  
107.9563, 161.1927

 39.6257, 31.5849,  
54.6855

155.4035,  
137.5238, 200.6066

 27.4297, 21.0446,  
38.7531


192.0761,  
172.0498, 245.9725

 18.0345, 13.1566,  
26.2613

234.1070,  
211.9189, 297.7087

 11.0746, 7.5365,  
16.7917

281.8614,  
257.5154, 356.2340

 6.1847, 3.7998,  
9.9257

335.7048,

 2.9994, 1.5622,

309.2238, 421.9669

5.2448

396.0023,  
367.4283, 495.3258

■ 1.1535, 0.3319,  
2.3303

■ 0.0691, 0.0000,  
0.7481

■ 73.8811, 62.1597,  
98.5465

■ 73.8811, 62.1597,  
98.5465

■ 68.9297, 52.4622,  
96.9366

■ 79.7580, 73.7055,  
100.4662

■ 64.8500, 44.5088,  
95.6164

■ 86.5991, 87.1803,  
102.7066

■ 61.5917, 38.1976,  
94.5700

■ 92.5018, 98.7782,  
104.6341

■ 59.0966, 33.4128,  
93.7779

■ 92.6420, 98.8504,  
104.6406

57.2996, 30.0233,  
93.2184

92.7826, 98.9229,  
104.6472

56.1240, 27.8764,  
92.8660

92.9233, 98.9955,  
104.6538

55.4753, 26.7830,  
92.6891

93.0644, 99.0682,  
104.6604

55.2952, 26.5124,  
92.6464

93.2058, 99.1411,  
104.6670

93.3475, 99.2141,  
104.6736

# Harmonies

## Analogous

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



66.5183, 62.1597, 120.5713



73.8811, 62.1597, 98.5465



77.2895, 62.1597, 71.5795

# Triad

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



73.8811, 62.1597, 98.5465



60.4268, 62.1597, 30.3953



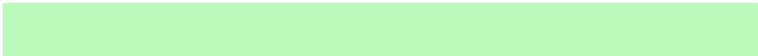
45.2745, 62.1597, 90.2771

# Complementary

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



73.8811, 62.1597, 98.5465



63.5443, 82.4827, 59.0292

# 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.



43.9834, 62.1597, 63.9274



73.8811, 62.1597, 98.5465



52.2197, 62.1597, 33.0854

# Square

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



73.8811, 62.1597, 98.5465



69.0538, 62.1597, 35.5166



46.4024, 62.1597, 44.0449



50.1177, 62.1597, 115.0363



# Rectangle

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



73.8811, 62.1597, 98.5465



76.6401, 62.1597, 55.7859



46.4024, 62.1597, 44.0449



44.4322, 62.1597, 81.1579

# Sweetspot

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



73.8830, 62.1624, 98.5478



88.7668, 87.6075, 106.8392



55.2922, 52.9133, 97.7424



18.7630, 18.2851, 22.7904



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.



73.8830, 62.1624, 98.5478



74.3527, 59.2776, 102.1307



69.7802, 60.5626, 75.0781



17.9647, 17.5099, 21.8182



29.3424, 14.0692, 49.1427



2.7260, 1.3074, 4.5518



# Inverse Universe

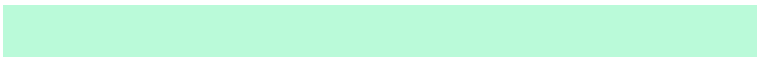
The Inverse Universe completely reimagines the original color for something new.



65.9550, 59.0325, 54.9349



64.7098, 55.4728, 48.9883



66.9532, 83.8182, 78.2523



17.2556, 17.2296, 17.9359



20.9281, 10.7869, 1.0637



1.9420, 1.0006, 0.1182



# Previews

## White Background



This preview shows how the XYZ color 73.8811, 62.1597, 98.5465 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

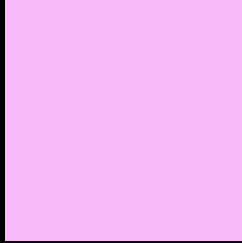
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.8811, 62.1597, 98.5465 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

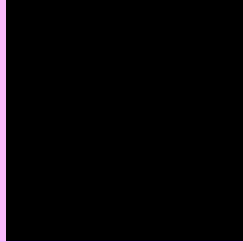
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.8811, 62.1597, 98.5465**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.8811, 62.1597, 98.5465.



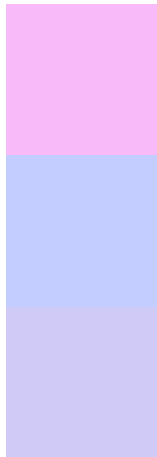
This preview shows how white text looks on a background with the XYZ color 73.8811, 62.1597,

98.5465.

# 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

73.8811, 62.1597, 98.5465

### Protanopia

62.3870, 62.4847, 103.3804

### Deuteranopia

63.9215, 62.3664, 96.6646



## Tritanopia

67.7626, 62.2417, 68.7640

# Trichromacy



## Original Color

73.8811, 62.1597, 98.5465



## Protanomaly

65.9480, 61.9271, 101.4058



## Deuteranomaly

67.1146, 61.9451, 97.2262



## Tritanomaly

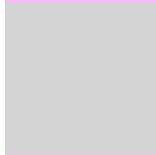
69.7415, 62.0559, 78.8232

# Monochromacy



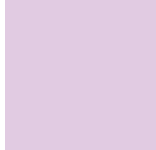
## Original Color

73.8811, 62.1597, 98.5465



## Achromatopsia

62.5785, 65.8375, 71.6970



## Achromatomaly

66.1347, 64.2104, 80.8597

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.8811, 62.1597, 98.5465 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(249, 186, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 186, 250)  
}
```

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(249, 186, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 186, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 73.8811, 62.1597, 98.5465 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(249, 186, 250) }
```



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

```
.border{ border-color:rgb(249, 186, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 186, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 186, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 186, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 186,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.8811, 62.1597, 98.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 186, 250) }
```

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

```
.background{ background-color: rgb(249,  
186, 250) }
```

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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