

# Converting Colors

XYZ(74.3725, 66.6760, 77.2490)

Have a look what the booklet for  
XYZ(74.3725, 66.6760, 77.2490)  
contains.

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# Color

**XYZ(74.4852, 66.8686,  
77.3878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC6DD
RGB	255, 198, 221
RGB Percent	100%, 78%, 87%
CMY	0.0000, 0.2235, 0.1333
CMYK	0.00, 0.22, 0.13, 0.00
HSL	336°, 100%, 89%
HSV	336°, 22%, 100%
XYZ	74.4852, 66.8686, 77.3878
YIQ	217.6650, 26.5890, 19.2370

# Conversions

## Conversions Part 2

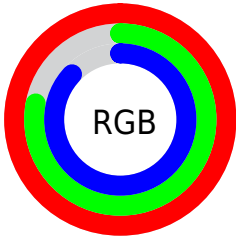
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 198, 221
Decimal	16762589
CIE <sub>Lab</sub>	85.44, 23.75, -3.59
CIE <sub>LCh</sub>	85, 24.018, 351.398
Y <sub>xy</sub>	66.8686, 0.3405, 0.3057
Android (android.graphics.Color)	4294952669 (0xFFFFC6DD)
YUV	217.6650, 1.6442, 32.7428
Hunter-Lab	81.7732, 19.4881, 1.1309

# Details

The XYZ color **74.4852, 66.8686, 77.3878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6164, 89.3530, 89.7143**, and the grayscale version is **66.3875, 69.8448, 76.0610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1449, 34.7055, 40.6594** is the 20% darker color. If you saturate the color by 10%, you get **67.2041, 55.4041, 65.4108**, and if you desaturate by 10%, it is **82.9344, 80.3747, 90.6619**.

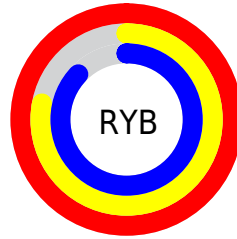
# Distribution



Red (100%)

Green (78%)

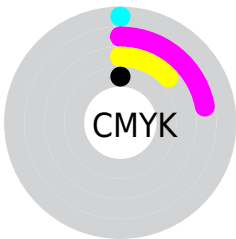
Blue (87%)



Red (100%)

Yellow (78%)

Blue (87%)

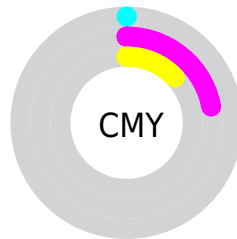


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4852, 66.8686, 77.3878 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 74.4852, 66.8686, 77.3878 by changing the saturation by 10% instead.




 74.4852, 66.8686,  
77.3878

 74.4852, 66.8686,  
77.3878

465.1708,  
449.4769, 505.5580

 55.4839, 48.9778,  
57.0578


124.5752,  
114.7321, 131.4648

 40.0247, 34.6019,  
40.6419

156.3946,  
145.4737, 166.0488

 27.7421, 23.3564,  
27.7218

193.2175,  
181.2676, 206.2211

 18.2708, 14.8569,  
17.8789


235.4091,  
222.4983, 252.4005

 11.2454, 8.7190,  
10.6945

283.3349,  
269.5502, 305.0053

 6.3007, 4.5584,  
5.7502

337.3602,

 3.0712, 1.9905,

322.8077, 364.4541

2.6275

397.8504,  
382.6551, 431.1655

■ 1.1915, 0.6020,  
0.9066

■ 0.0996, 0.0000,  
0.0000

■ 74.4852, 66.8686,  
77.3878

■ 74.4852, 66.8686,  
77.3878

■ 67.2041, 55.4041,  
65.4108

■ 82.9344, 80.3747,  
90.6619

■ 61.0323, 45.8724,  
54.6848

■ 92.5971, 96.0069,  
105.2688

■ 55.9130, 38.1676,  
45.1668

95.0500, 100.0000,  
108.9000

■ 51.7822, 32.1703,  
36.8093

■ 48.5684, 27.7465,  
29.5611

■ 46.1899, 24.7418,  
23.3662

■ 44.5485, 22.9699,  
18.1611

■ 43.6824, 22.2370,  
14.7915

# Harmonies

## Analogous

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



72.0983, 66.8686, 93.1726



74.4852, 66.8686, 77.3878



73.8156, 66.8686, 62.4038

# Triad

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



74.4852, 66.8686, 77.3878



59.8114, 66.8686, 48.2989



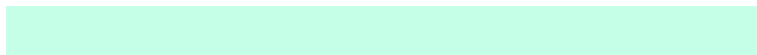
57.2433, 66.8686, 98.8563

# Complementary

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



74.4852, 66.8686, 77.3878



73.6164, 89.3530, 89.7143

# 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.



54.2951, 66.8686, 84.3100



74.4852, 66.8686, 77.3878



55.7177, 66.8686, 55.6515

# Square

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



74.4852, 66.8686, 77.3878



65.1361, 66.8686, 46.9948



53.7529, 66.8686, 68.4136



62.0029, 66.8686, 106.6766



# Rectangle

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



74.4852, 66.8686, 77.3878



71.7415, 66.8686, 54.7194



53.7529, 66.8686, 68.4136



56.0192, 66.8686, 94.5004

# Sweetspot

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



74.4868, 66.8715, 77.3892



87.9503, 88.4683, 98.3090



71.2820, 64.6419, 103.3279



18.7001, 18.7338, 20.8534



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.



74.4868, 66.8715, 77.3892



70.9590, 61.2925, 71.6614



72.7320, 67.9340, 62.7089



18.3131, 18.1085, 20.2658



22.8941, 11.6469, 8.0929



2.2815, 1.1550, 1.0637



# Inverse Universe

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



74.4868, 66.8715, 77.3892



70.9590, 61.2925, 71.6614



75.6038, 87.7536, 107.5611



18.3131, 18.1085, 20.2658



22.8941, 11.6469, 8.0929



2.2815, 1.1550, 1.0637



# Previews

## White Background



This preview shows how the XYZ color 74.4852, 66.8686, 77.3878 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 74.4852, 66.8686, 77.3878 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 74.4852, 66.8686, 77.3878**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4852, 66.8686, 77.3878.



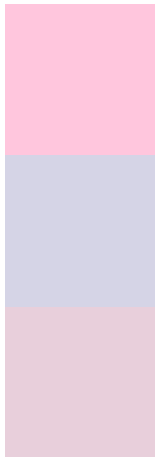
This preview shows how white text looks on a background with the XYZ color 74.4852, 66.8686,



# 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

74.4852, 66.8686, 77.3878

### Protanopia

65.2670, 66.9463, 84.3449

### Deuteranopia

68.3777, 66.8959, 76.3261



## Tritanopia

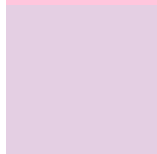
73.4341, 66.7727, 72.6364

# Trichromacy



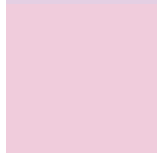
## Original Color

74.4852, 66.8686, 77.3878



## Protanomaly

68.1729, 66.6657, 81.9477



## Deuteranomaly

70.4463, 66.8783, 76.9060



## Tritanomaly

73.8209, 66.9274, 74.6731

# Monochromacy



## Original Color

74.4852, 66.8686, 77.3878



## Achromatopsia

66.6397, 70.1102, 76.3500



## Achromatomaly

69.0354, 68.6919, 76.6381

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4852, 66.8686, 77.3878 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, 198, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 221)  
}
```

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, 198, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4852, 66.8686, 77.3878 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, 198, 221) }
```



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

```
.border{ border-color:rgb(255, 198, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4852, 66.8686, 77.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 221) }
```

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

```
.background{ background-color: rgb(255,  
198, 221) }
```

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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