

# Converting Colors

XYZ(74.7439, 70.8083, 81.4231)

Have a look what the booklet for  
XYZ(74.7439, 70.8083, 81.4231)  
contains.

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# Color

**XYZ(74.8857, 70.8661,  
81.6831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D1E2
RGB	247, 209, 226
RGB Percent	97%, 82%, 89%
CMY	0.0314, 0.1804, 0.1137
CMYK	0.00, 0.15, 0.09, 0.03
HSL	333°, 70%, 89%
HSV	333°, 15%, 97%
XYZ	74.8857, 70.8661, 81.6831
YIQ	222.3000, 17.1910, 13.3430

# Conversions

## Conversions Part 2

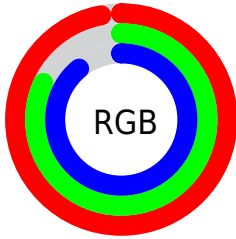
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 209, 226
Decimal	16241122
CIE Lab	87.42, 16.03, -3.42
CIE LCh	87, 16.388, 347.964
Yxy	70.8661, 0.3293, 0.3116
Android (android.graphics.Color)	4294431202 (0xFFFF7D1E2)
YUV	222.3000, 1.8241, 21.6619
Hunter-Lab	84.1820, 11.4696, 1.3974

# Details

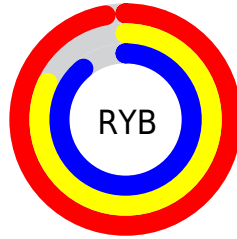
The XYZ color **74.8857, 70.8661, 81.6831** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8410, 85.7919, 87.5347**, and the grayscale version is **69.6239, 73.2497, 79.7689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1415, 36.9986, 43.5538** is the 20% darker color. If you saturate the color by 10%, you get **67.4901, 58.9537, 70.3410**, and if you desaturate by 10%, it is **83.3740, 84.7234, 94.1270**.

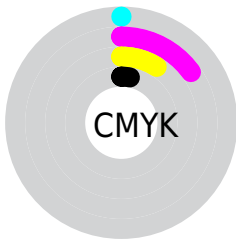
# Distribution



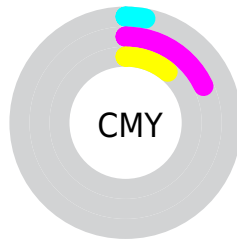
- Red (97%)
- Green (82%)
- Blue (89%)



- Red (97%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8857, 70.8661, 81.6831 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 74.8857, 70.8661, 81.6831 by changing the saturation by 10% instead.




 74.8857, 70.8661,  
81.6831

 74.8857, 70.8661,  
81.6831


466.5278,  
463.5852, 520.4426

 55.8131, 52.2329,  
60.5701


125.1393,  
120.4430, 137.5622

 40.2895, 37.1908,  
43.4500


157.0511,  
152.1556, 173.1653

 27.9496, 25.3552,  
29.9043


193.9732,  
188.9968, 214.4356

 18.4279, 16.3419,  
19.5145

236.2712,  
231.3509, 261.7915

 11.3592, 9.7664,  
11.8621

284.3102,  
279.6024, 315.6517

 6.3780, 5.2444,  
6.5284

338.4558,

 3.1191, 2.3913,

334.1357, 376.4345

3.0951

399.0732,  
395.3352, 444.5587

■ 1.2171, 0.8214,  
1.1434

■ 0.1198, 0.0000,  
0.0000

■ 74.8857, 70.8661,  
81.6831

■ 74.8857, 70.8661,  
81.6831

■ 67.4901, 58.9537,  
70.3410

■ 83.3740, 84.7234,  
94.1270

■ 61.1345, 48.8890,  
60.0636

■ 91.8964, 98.4056,  
107.3338

■ 55.7708, 40.5807,  
50.8181

■ 92.1682, 98.5144,  
108.7651

■ 51.3447, 33.9260,  
42.5679

■ 47.7961, 28.8110,  
35.2740

■ 45.0576, 25.1075,  
28.8937

■ 43.0511, 22.6660,  
23.3802

■ 41.6810, 21.3025,  
18.6794

■ 41.1991, 20.9107,  
16.7554

# Harmonies

## Analogous

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



73.0255, 70.8661, 92.3014



74.8857, 70.8661, 81.6831



74.6725, 70.8661, 70.7838

# Triad

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



74.8857, 70.8661, 81.6831



65.0909, 70.8661, 58.6412



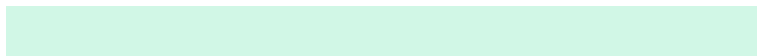
62.5034, 70.8661, 94.0656

# Complementary

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



74.8857, 70.8661, 81.6831



73.8410, 85.7919, 87.5347

# 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.



60.5339, 70.8661, 83.9104



74.8857, 70.8661, 81.6831



61.9880, 70.8661, 63.7742

# Square

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



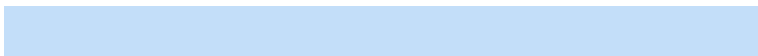
74.8857, 70.8661, 81.6831



68.9171, 70.8661, 58.1682



60.3489, 70.8661, 72.8092



65.8189, 70.8661, 99.8946

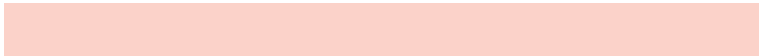


# Rectangle

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



74.8857, 70.8661, 81.6831



73.3842, 70.8661, 64.7996



60.3489, 70.8661, 72.8092



61.6675, 70.8661, 91.0025

# Sweetspot

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



74.8877, 70.8692, 81.6846



90.0026, 91.6876, 101.7227



72.1927, 69.1263, 97.5343



19.1177, 19.3843, 21.5622



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

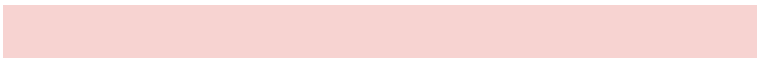
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8877, 70.8692, 81.6846



78.2962, 72.6025, 84.4788



73.1383, 70.9198, 70.1595



16.8072, 16.6057, 18.7313



21.8578, 11.0866, 9.2254



1.9720, 0.9948, 1.0792



# Inverse Universe

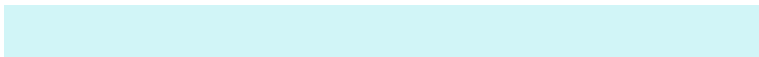
The Inverse Universe completely reimagines the original color for something new.



74.8877, 70.8692, 81.6846



78.2962, 72.6025, 84.4788



75.7679, 85.6378, 100.5329



16.8072, 16.6057, 18.7313



21.8578, 11.0866, 9.2254

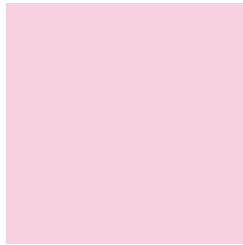


1.9720, 0.9948, 1.0792



# Previews

## White Background



This preview shows how the XYZ color 74.8857, 70.8661, 81.6831 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

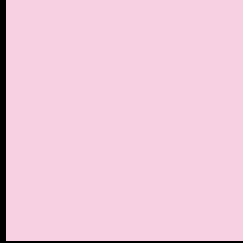
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8857, 70.8661, 81.6831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

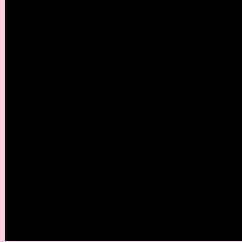
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.8857, 70.8661, 81.6831**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8857, 70.8661, 81.6831.



This preview shows how white text looks on a background with the XYZ color 74.8857, 70.8661,

81.6831.

# 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

74.8857, 70.8661, 81.6831

### Protanopia

69.0104, 71.1280, 85.6931

### Deuteranopia

72.6448, 71.2019, 81.1487



## Tritanopia

74.7488, 70.8113, 80.9624

# Trichromacy



## Original Color

74.8857, 70.8661, 81.6831

## Protanomaly

71.0764, 71.0810, 84.1026

## Deuteranomaly

73.4097, 71.2240, 81.1127

## Tritanomaly

74.7488, 70.8113, 80.9624

# Monochromacy



## Original Color

74.8857, 70.8661, 81.6831

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

71.0871, 71.9423, 79.9516

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8857, 70.8661, 81.6831 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(247, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 226)  
}
```

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(247, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8857, 70.8661, 81.6831 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(247, 209, 226) }
```



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

```
.border{ border-color:rgb(247, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 209, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 209, 226); box-shadow:4px 4px 4px 4px rgb(247, 209, 226) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8857, 70.8661, 81.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 226) }
```

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

```
.background{ background-color: rgb(247,  
209, 226) }
```

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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