

# Converting Colors

XYZ(74.0891, 71.3986, 73.2423)

Have a look what the booklet for  
XYZ(74.0891, 71.3986, 73.2423)  
contains.

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# Color

**XYZ(74.1433, 71.4000,  
73.4921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D3D6
RGB	248, 211, 214
RGB Percent	97%, 83%, 84%
CMY	0.0274, 0.1725, 0.1608
CMYK	0.00, 0.15, 0.14, 0.03
HSL	355°, 73%, 90%
HSV	355°, 15%, 97%
XYZ	74.1433, 71.4000, 73.4921
YIQ	222.4050, 21.0890, 8.7770

# Conversions

## Conversions Part 2

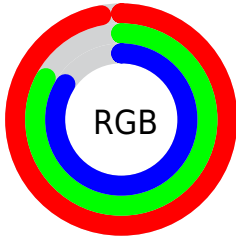
Format	Color
R <sub>Y</sub> B	248, 211, 214
Decimal	16307158
CIE Lab	87.68, 13.38, 3.32
CIE LCh	88, 13.785, 13.931
Yxy	71.4000, 0.3385, 0.3260
Android (android.graphics.Color)	4294497238 (0xFFFF8D3D6)
YUV	222.4050, -4.1437, 22.4468
Hunter-Lab	84.4985, 8.7526, 7.5818

# Details

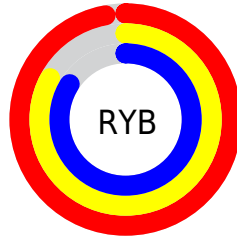
The XYZ color **74.1433, 71.4000, 73.4921** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9156, 87.5781, 99.2410**, and the grayscale version is **69.7370, 73.3688, 79.8986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6323, 37.3565, 37.9226** is the 20% darker color. If you saturate the color by 10%, you get **65.7411, 58.9320, 57.3212**, and if you desaturate by 10%, it is **83.9073, 85.9382, 92.1279**.

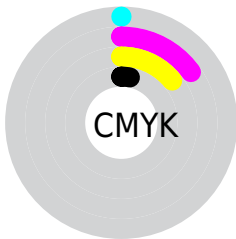
# Distribution



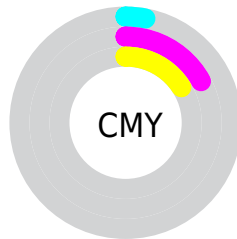
- Red (97%)
- Green (83%)
- Blue (84%)



- Red (97%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1433, 71.4000, 73.4921 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 74.1433, 71.4000, 73.4921 by changing the saturation by 10% instead.




 74.1433, 71.4000,  
73.4921

 74.1433, 71.4000,  
73.4921


464.0105,  
465.4505, 491.8350

 55.2030, 52.6687,  
53.8842


124.0933,  
121.2031, 125.9029

 39.7988, 37.5384,  
38.1165


155.8338,  
153.0437, 159.5429

 27.5652, 25.6246,  
25.7706


192.5717,  
190.0228, 198.6974

 18.1369, 16.5430,  
16.4279

234.6725,  
232.5249, 243.7848

 11.1486, 9.9092,  
9.6698

282.5013,  
280.9343, 295.2237

 6.2349, 5.3388,  
5.0779

336.4237,

 3.0305, 2.4474,

335.6355, 353.4327

2.2335

396.8050,  
397.0127, 418.8303

■ 1.1699, 0.8501,  
0.6936

■ 0.0824, 0.0000,  
0.0000

■ 74.1433, 71.4000,  
73.4921

■ 74.1433, 71.4000,  
73.4921

■ 65.7411, 58.9320,  
57.3212

■ 83.9073, 85.9382,  
92.1279

■ 58.6345, 48.4311,  
43.5078

■ 92.5218, 98.6967,  
108.7817

■ 52.7607, 39.7997,  
31.9430

■ 48.0493, 32.9280,  
22.5076

■ 44.4227, 27.6948,  
15.0714

■ 41.7940, 23.9636,  
9.4901

■ 40.0627, 21.5758,  
5.5997

■ 39.1069, 20.3370,  
3.2071

■ 38.8388, 20.0075,  
2.4804

# Harmonies

## Analogous

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



74.0790, 71.4000, 82.8278



74.1433, 71.4000, 73.4921



72.4876, 71.4000, 65.9197

# Triad

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



74.1433, 71.4000, 73.4921



63.5990, 71.4000, 65.4956



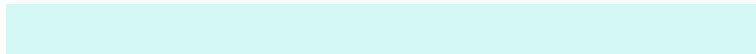
66.1401, 71.4000, 96.3381

# Complementary

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



74.1433, 71.4000, 73.4921



76.9156, 87.5781, 99.2410

# 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.



63.4405, 71.4000, 90.9006



74.1433, 71.4000, 73.4921



62.0059, 71.4000, 72.8697

# Square

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



74.1433, 71.4000, 73.4921



66.3628, 71.4000, 61.5596



61.9488, 71.4000, 82.1536



69.3868, 71.4000, 96.5385



# Rectangle

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



74.1433, 71.4000, 73.4921



70.6609, 71.4000, 62.6796



61.9488, 71.4000, 82.1536



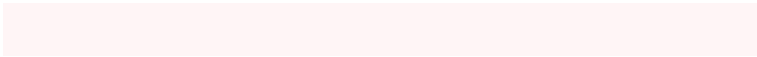
65.1410, 71.4000, 95.0436

# Sweetspot

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



74.1453, 71.4032, 73.4936



90.4091, 93.0747, 100.0882



77.8668, 72.7666, 98.7492



19.1703, 19.6519, 21.0788



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.



74.1453, 71.4032, 73.4936



76.0520, 71.7048, 72.6609



77.7812, 79.2818, 72.8352



17.3016, 17.2480, 18.1782



21.0001, 10.8158, 1.4433



1.9640, 1.0093, 0.2336



# Inverse Universe

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



74.1453, 71.4032, 73.4936



76.0520, 71.7048, 72.6609



72.8310, 78.6710, 100.1543



17.3016, 17.2480, 18.1782



21.0001, 10.8158, 1.4433

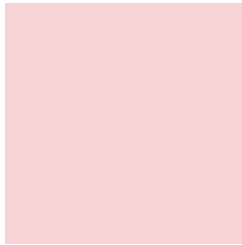


1.9640, 1.0093, 0.2336



# Previews

## White Background



This preview shows how the XYZ color 74.1433, 71.4000, 73.4921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

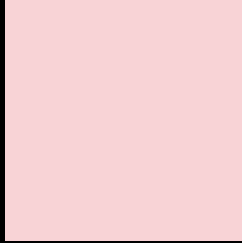
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1433, 71.4000, 73.4921 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

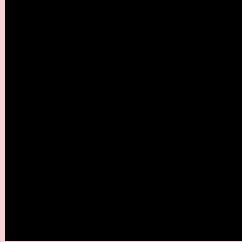
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.1433, 71.4000, 73.4921**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1433, 71.4000, 73.4921.



This preview shows how white text looks on a background with the XYZ color 74.1433, 71.4000,

73.4921.

# 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

74.1433, 71.4000, 73.4921

### Protanopia

68.7269, 71.5723, 76.5222

### Deuteranopia

73.2401, 71.6766, 73.5931



## Tritanopia

75.5949, 71.2317, 81.7163

# Trichromacy



## Original Color

74.1433, 71.4000, 73.4921

## Protanomaly

70.6845, 71.4451, 75.7105

## Deuteranomaly

73.3373, 71.3545, 73.5258

## Tritanomaly

75.2983, 71.5069, 78.9408

# Monochromacy



## Original Color

74.1433, 71.4000, 73.4921

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.8126, 72.2462, 77.2305

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1433, 71.4000, 73.4921 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, 211, 214) looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 214)  
}
```

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, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1433, 71.4000, 73.4921 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, 211, 214) }
```



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

```
.border{ border-color:rgb(248, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1433, 71.4000, 73.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 214) }
```

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

```
.background{ background-color: rgb(248,  
211, 214) }
```

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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