

# Converting Colors

XYZ(74.9155, 71.0342, 70.4037)

Have a look what the booklet for  
XYZ(74.9155, 71.0342, 70.4037)  
contains.

<b>XYZ(74.8171, 71.0870, 70.0995)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(74.8171, 71.0870,  
70.0995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDD1D1
RGB	253, 209, 209
RGB Percent	99%, 82%, 82%
CMY	0.0078, 0.1804, 0.1804
CMYK	0.00, 0.17, 0.17, 0.01
HSL	0°, 92%, 91%
HSV	0°, 17%, 99%
XYZ	74.8171, 71.0870, 70.0995
YIQ	222.1560, 26.2240, 9.3280

# Conversions

## Conversions Part 2

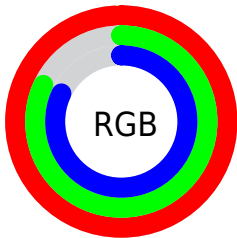
Format	Color
R <sub>Y</sub> B	253, 209, 209
Decimal	16634321
CIE Lab	87.53, 15.42, 5.80
CIE LCh	88, 16.478, 20.607
Yxy	71.0870, 0.3464, 0.3291
Android (android.graphics.Color)	4294824401 (0xFFFD1D1)
YUV	222.1560, -6.4859, 27.0502
Hunter-Lab	84.3131, 10.8480, 9.7244

# Details

The XYZ color **74.8171, 71.0870, 70.0995** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1488, 90.8956, 106.3022**, and the grayscale version is **69.5744, 73.1977, 79.7123**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2369, 37.2135, 36.0726** is the 20% darker color. If you saturate the color by 10%, you get **66.2088, 58.4910, 52.9838**, and if you desaturate by 10%, it is **84.9123, 85.8593, 90.1664**.

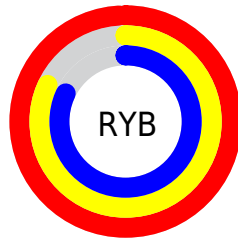
# Distribution



Red (99%)

Green (82%)

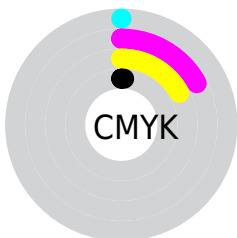
Blue (82%)



Red (99%)

Yellow (82%)

Blue (82%)

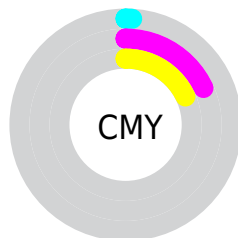


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (1%)



Cyan (1%)

Magenta (18%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8171, 71.0870, 70.0995 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 74.8171, 71.0870, 70.0995 by changing the saturation by 10% instead.




 74.8171, 71.0870,  
70.0995

 74.8171, 71.0870,  
70.0995


466.2956,  
464.3575, 479.6979

 55.7567, 52.4132,  
51.1304


125.0427,  
120.7576, 121.0331

 40.2441, 37.3345,  
35.9349


156.9387,  
152.5232, 153.8346

 27.9140, 25.4666,  
24.0946


193.8438,  
189.4215, 192.0840

 18.4010, 16.4250,  
15.1910

236.1236,  
231.8369, 236.1998

 11.3397, 9.8254,  
8.8054

284.1433,  
280.1538, 286.6005

 6.3648, 5.2834,  
4.5194

338.2683,

 3.1109, 2.4145,

334.7566, 343.7048

1.9144

398.8639,  
396.0297, 407.9310

■ 1.2127, 0.8333,  
0.5019

■ 0.1163, 0.0000,  
0.0000

■ 74.8171, 71.0870,  
70.0995

■ 74.8171, 71.0870,  
70.0995

■ 66.2088, 58.4910,  
52.9838

■ 84.9123, 85.8593,  
90.1664

■ 59.0116, 47.9595,  
38.6760

94.3183, 99.6228,  
108.8658

■ 53.1520, 39.3852,  
27.0277

■ 48.5477, 32.6477,  
17.8748

■ 45.1070, 27.6128,  
11.0354

■ 42.7259, 24.1284,  
6.3026

■ 41.2821, 22.0155,  
3.4331

■ 40.6164, 21.0411,  
2.1102

■ 40.5086, 20.8834,  
1.8959

# Harmonies

## Analogous

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



75.2230, 71.0870, 80.9532



74.8171, 71.0870, 70.0995



72.4285, 71.0870, 61.9891

# Triad

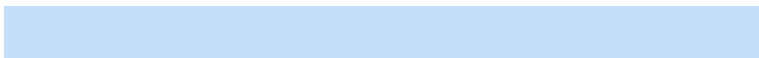
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8171, 71.0870, 70.0995



61.9451, 71.0870, 64.5787



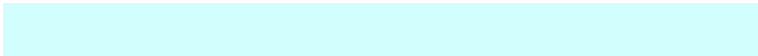
66.3518, 71.0870, 100.5354

# Complementary

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



74.8171, 71.0870, 70.0995



79.1488, 90.8956, 106.3022

# 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.



62.9262, 71.0870, 95.1780



74.8171, 71.0870, 70.0995



60.4472, 71.0870, 73.9555

# Square

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



74.8171, 71.0870, 70.0995



64.9658, 71.0870, 59.0206



60.7993, 71.0870, 85.1941



70.2348, 71.0870, 99.2503



# Rectangle

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



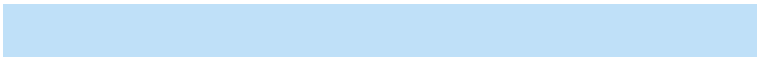
74.8171, 71.0870, 70.0995



70.0820, 71.0870, 58.8911



60.7993, 71.0870, 85.1941



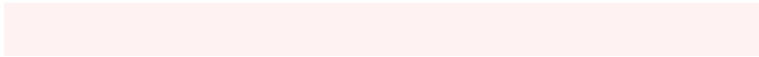
65.1110, 71.0870, 99.4337

# Sweetspot

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



74.8191, 71.0902, 70.1010



89.1316, 91.3398, 97.1340



81.0389, 73.5764, 102.8596



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

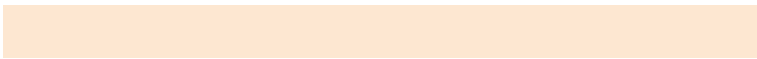
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8191, 71.0902, 70.1010



72.8286, 67.4842, 64.7236



80.5933, 82.6388, 72.0257



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



2.0982, 1.0818, 0.0982



# Inverse Universe

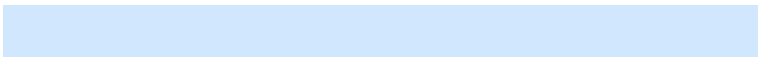
The Inverse Universe completely reimagines the original color for something new.



79.1488, 90.8956, 106.3022



78.0168, 91.2165, 108.1024



72.6009, 77.7999, 104.1196



18.5548, 20.4812, 23.2253



28.1126, 41.1348, 55.8927

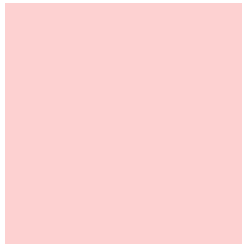


2.7373, 4.0052, 5.4421



# Previews

## White Background



This preview shows how the XYZ color 74.8171, 71.0870, 70.0995 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

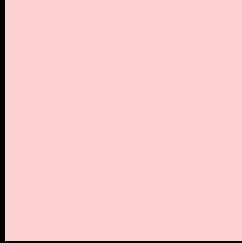
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8171, 71.0870, 70.0995 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 74.8171, 71.0870, 70.0995**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8171, 71.0870, 70.0995.



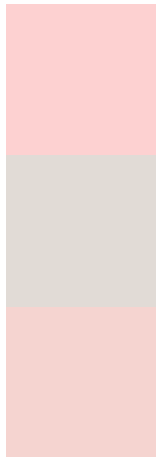
This preview shows how white text looks on a background with the XYZ color 74.8171, 71.0870,

70.0995.

# 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

74.8171, 71.0870, 70.0995

### Protanopia

68.5205, 71.5256, 73.8127

### Deuteranopia

72.5848, 71.0535, 69.5636



## Tritanopia

76.8721, 71.2134, 79.5060

# Trichromacy



## Original Color

74.8171, 71.0870, 70.0995

## Protanomaly

70.4451, 71.0165, 72.2821

## Deuteranomaly

73.3908, 71.0991, 69.5299

## Tritanomaly

76.0838, 71.2445, 76.0712

# Monochromacy



## Original Color

74.8171, 71.0870, 70.0995

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.9415, 71.9591, 75.7961

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8171, 71.0870, 70.0995 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(253, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 209)  
}
```

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(253, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8171, 71.0870, 70.0995 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(253, 209, 209) }
```



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

```
.border{ border-color:rgb(253, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8171, 71.0870, 70.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 209) }
```

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

```
.background{ background-color: rgb(253,  
209, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor