

# Converting Colors

XYZ(74.1158, 70.6985, 68.9241)

Have a look what the booklet for  
XYZ(74.1158, 70.6985, 68.9241)  
contains.

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# **Color**

**XYZ(74.2078, 70.8014,  
68.7863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD1CF
RGB	252, 209, 207
RGB Percent	99%, 82%, 81%
CMY	0.0118, 0.1804, 0.1882
CMYK	0.00, 0.17, 0.18, 0.01
HSL	3°, 88%, 90%
HSV	3°, 18%, 99%
XYZ	74.2078, 70.8014, 68.7863
YIQ	221.6290, 26.2700, 8.4940

# Conversions

## Conversions Part 2

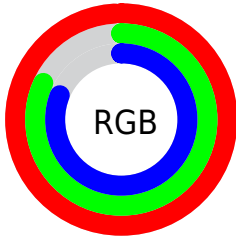
Format	Color
R <sub>Y</sub> B	252, 209, 207
Decimal	16568783
CIE Lab	87.39, 14.77, 6.65
CIE LCh	87, 16.192, 24.231
Yxy	70.8014, 0.3471, 0.3312
Android (android.graphics.Color)	4294758863 (0xFFFCD1CF)
YUV	221.6290, -7.2121, 26.6354
Hunter-Lab	84.1436, 10.1713, 10.4317

# Details

The XYZ color **74.2078, 70.8014, 68.7863** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4876, 88.6625, 105.1255**, and the grayscale version is **69.2074, 72.8116, 79.2918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8110, 37.0132, 35.1830** is the 20% darker color. If you saturate the color by 10%, you get **65.9022, 58.7329, 52.0116**, and if you desaturate by 10%, it is **83.9018, 84.8584, 88.4513**.

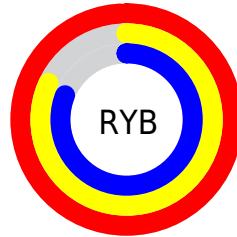
# Distribution



Red (99%)

Green (82%)

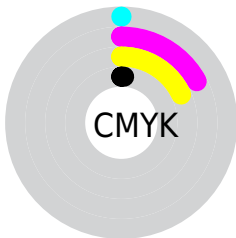
Blue (81%)



Red (99%)

Yellow (82%)

Blue (81%)

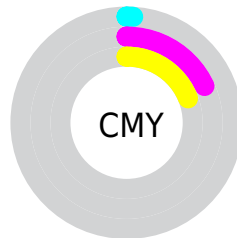


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (1%)



Cyan (1%)

Magenta (18%)


Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2078, 70.8014, 68.7863 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 74.2078, 70.8014, 68.7863 by changing the saturation by 10% instead.




 74.2078, 70.8014,  
68.7863

 74.2078, 70.8014,  
68.7863


464.2295,  
463.3589, 474.9504

 55.2560, 52.1801,  
50.0670


124.1843,  
120.3509, 119.1411

 39.8414, 37.1487,  
35.0951


155.9396,  
152.0479, 151.6137

 27.5986, 25.3226,  
23.4520

192.6936,  
188.8723, 189.5079

 18.1622, 16.3176,  
14.7192

234.8115,  
231.2085, 233.2421

 11.1669, 9.7492,  
8.4781

282.6587,  
279.4409, 283.2349

 6.2473, 5.2330,  
4.3102

336.6005,

 3.0381, 2.3846,

333.9538, 339.9049

1.7970

397.0023,  
395.1317, 403.6705

■ 1.1740, 0.8179,  
0.4260

■ 0.0857, 0.0000,  
0.0000

■ 74.2078, 70.8014,  
68.7863

■ 74.2078, 70.8014,  
68.7863

■ 65.9022, 58.7329,  
52.0116

■ 83.9018, 84.8584,  
88.4513

■ 58.9158, 48.5542,  
37.9868

■ 93.9551, 99.4356,  
108.8488

■ 53.1827, 40.1723,  
26.5666

■ 48.6284, 33.4831,  
17.5905

■ 45.1711, 28.3712,  
10.8802

■ 42.7182, 24.7074,  
6.2334

■ 41.1617, 22.3415,  
3.4118

■ 40.3658, 21.0896,  
2.0983

■ 40.2674, 20.9401,  
1.9195

# Harmonies

## Analogous

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



74.8598, 70.8014, 79.2219



74.2078, 70.8014, 68.7863



71.6740, 70.8014, 61.2708

# Triad

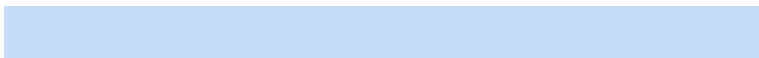
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2078, 70.8014, 68.7863



61.5166, 70.8014, 65.4515



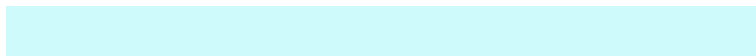
66.5599, 70.8014, 99.9380

# Complementary

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



74.2078, 70.8014, 68.7863



77.4876, 88.6625, 105.1255

# 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.



63.0973, 70.8014, 95.4231



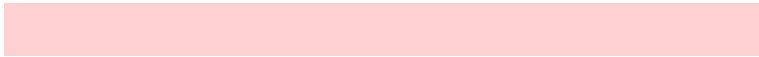
74.2078, 70.8014, 68.7863



60.2571, 70.8014, 74.9981

# Square

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



74.2078, 70.8014, 68.7863



64.3288, 70.8014, 59.4766



60.8247, 70.8014, 86.0379



70.3502, 70.8014, 97.8785



# Rectangle

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



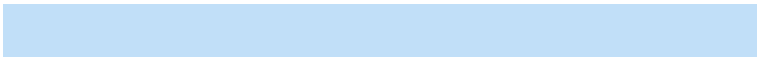
74.2078, 70.8014, 68.7863



69.3079, 70.8014, 58.5893



60.8247, 70.8014, 86.0379



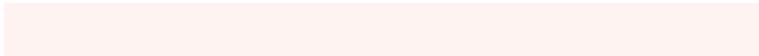
65.3207, 70.8014, 99.1267

# Sweetspot

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



74.2097, 70.8046, 68.7878



89.3008, 91.6782, 97.1904



79.7922, 72.2555, 100.5958



18.9476, 19.3818, 20.4640



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.



74.2097, 70.8046, 68.7878



73.3895, 68.6060, 64.9105



79.9839, 82.3530, 70.7125



17.3066, 17.3491, 17.8989



21.0032, 10.9630, 1.0091



1.9664, 1.0576, 0.1005

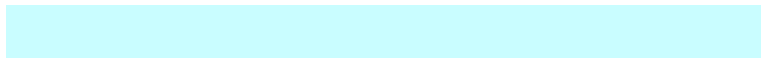


# Inverse Universe

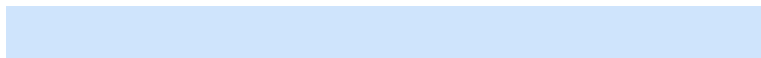
The Inverse Universe completely reimagines the original color for something new.



77.4876, 88.6625, 105.1255



77.2622, 89.7072, 107.8508



71.0470, 75.7813, 102.9786



17.6957, 19.4681, 22.2104



25.5333, 36.4221, 53.6580

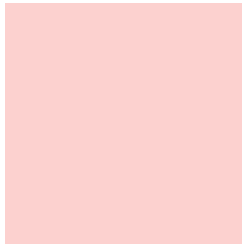


2.3847, 3.4132, 4.9763



# Previews

## White Background



This preview shows how the XYZ color 74.2078, 70.8014, 68.7863 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

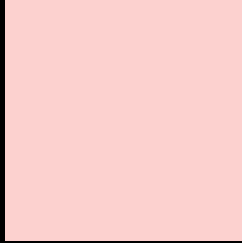
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.2078, 70.8014, 68.7863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

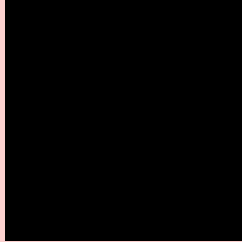
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.2078, 70.8014, 68.7863**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.2078, 70.8014, 68.7863.



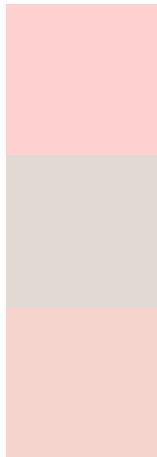
This preview shows how white text looks on a background with the XYZ color 74.2078, 70.8014,



# 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

74.2078, 70.8014, 68.7863

### Protanopia

68.0064, 70.9038, 72.3888

### Deuteranopia

72.3403, 70.9557, 68.2756



## Tritanopia

76.5052, 71.0242, 79.4888

# Trichromacy



## Original Color

74.2078, 70.8014, 68.7863

## Protanomaly

70.1942, 70.9162, 70.9613

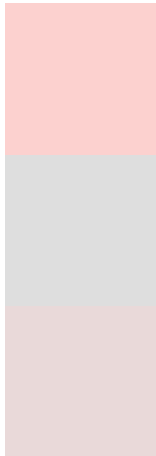
## Deuteranomaly

73.1462, 71.0012, 68.2419

## Tritanomaly

75.5883, 71.0042, 75.3669

# Monochromacy



## Original Color

74.2078, 70.8014, 68.7863

## 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 74.2078, 70.8014, 68.7863 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(252, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 207)  
}
```

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(252, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 74.2078, 70.8014, 68.7863 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(252, 209, 207) }
```



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

```
.border{ border-color:rgb(252, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.2078, 70.8014, 68.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 207) }
```

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

```
.background{ background-color: rgb(252,  
209, 207) }
```

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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