

# Converting Colors

XYZ(84.9976, 75.8633, 65.3751)

Have a look what the booklet for  
XYZ(84.9976, 75.8633, 65.3751)  
contains.

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# Color

**XYZ(74.0954, 70.1027,  
64.8843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCFC9
RGB	255, 207, 201
RGB Percent	100%, 81%, 79%
CMY	0.0000, 0.1882, 0.2118
CMYK	0.00, 0.19, 0.21, 0.00
HSL	7°, 100%, 89%
HSV	7°, 21%, 100%
XYZ	74.0954, 70.1027, 64.8843
YIQ	220.6680, 30.5340, 8.3100

# Conversions

## Conversions Part 2

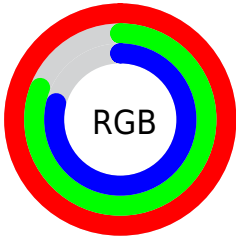
Format	Color
R <sub>Y</sub> B	255, 208, 201
Decimal	16764873
CIE Lab	87.05, 16.00, 9.37
CIE LCh	87, 18.543, 30.336
Yxy	70.1027, 0.3544, 0.3353
Android (android.graphics.Color)	4294954953 (0xFFFFCFC9)
YUV	220.6680, -9.6963, 30.1092
Hunter-Lab	83.7274, 11.4426, 12.6625

# Details

The XYZ color **74.0954, 70.1027, 64.8843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0120, 87.3862, 107.4687**, and the grayscale version is **68.5468, 72.1166, 78.5349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9464, 36.8948, 32.6198** is the 20% darker color. If you saturate the color by 10%, you get **66.2388, 58.7981, 48.6742**, and if you desaturate by 10%, it is **83.2417, 83.1891, 83.9827**.

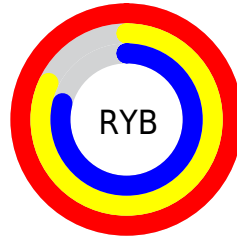
# Distribution



Red (100%)

Green (81%)

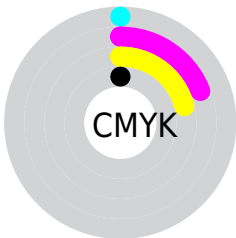
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

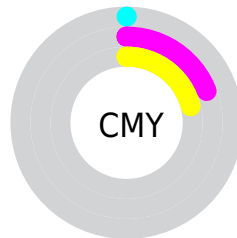


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (19%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0954, 70.1027, 64.8843 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 74.0954, 70.1027, 64.8843 by changing the saturation by 10% instead.




 74.0954, 70.1027,  
64.8843

 74.0954, 70.1027,  
64.8843


463.8478,  
460.9105, 460.6709

 55.1637, 51.6103,  
46.9165


124.0258,  
119.3552, 113.4952

 39.7671, 36.6945,  
32.6158


155.7552,  
150.8841, 144.9754

 27.5404, 24.9711,  
21.5636

192.4812,  
187.5272, 181.7968

 18.1182, 16.0555,  
13.3413

234.5692,  
229.6689, 224.3779

 11.1351, 9.5634,  
7.5305

282.3845,  
277.6938, 273.1374

 6.2257, 5.1105,  
3.7126

336.2924,

 3.0248, 2.3122,

331.9861, 328.4937

1.4690

396.6584,  
392.9302, 390.8653

■ 1.1669, 0.7802,  
0.1947

■ 0.0800, 0.0000,  
0.0000

■ 74.0954, 70.1027,  
64.8843

■ 74.0954, 70.1027,  
64.8843

■ 66.2388, 58.7981,  
48.6742

■ 83.2417, 83.1891,  
83.9827

■ 59.6088, 49.1893,  
35.2076

■ 93.7266, 98.1198,  
106.0959

■ 54.1444, 41.1970,  
24.3336

95.0500, 100.0000,  
108.9000

■ 49.7779, 34.7323,  
15.8852

■ 46.4340, 29.6971,  
9.6757

■ 44.0281, 25.9825,  
5.4911

■ 42.4613, 23.4630,  
3.0755

■ 41.6638, 22.1075,  
2.0713

# Harmonies

## Analogous

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



75.3284, 70.1027, 76.1898



74.0954, 70.1027, 64.8843



70.8464, 70.1027, 57.3894

# Triad

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



74.0954, 70.1027, 64.8843



59.6392, 70.1027, 65.1024



66.6795, 70.1027, 102.8095

# Complementary

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



74.0954, 70.1027, 64.8843



76.0120, 87.3862, 107.4687

# 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.



62.5853, 70.1027, 99.0371



74.0954, 70.1027, 64.8843



58.6293, 70.1027, 76.4702

# Square

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



74.0954, 70.1027, 64.8843



62.5040, 70.1027, 57.5054



59.6846, 70.1027, 89.0481



70.9348, 70.1027, 98.8705



# Rectangle

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



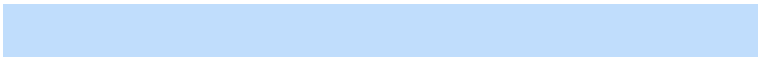
74.0954, 70.1027, 64.8843



68.0412, 70.1027, 55.1109



59.6846, 70.1027, 89.0481



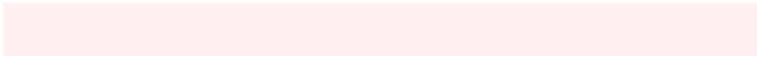
65.2395, 70.1027, 102.3970

# Sweetspot

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



74.0972, 70.1058, 64.8857



88.4979, 90.6819, 95.0436



79.3197, 69.9111, 99.4277



18.7959, 19.2014, 20.0348



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

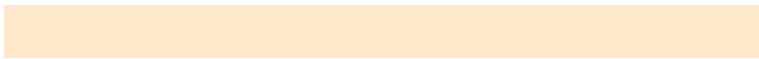
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0972, 70.1058, 64.8857



70.9432, 65.5760, 58.3529



81.0353, 83.9820, 67.1984



18.1720, 18.3121, 18.7212



21.8219, 11.6550, 1.0995

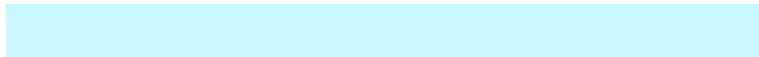


2.1751, 1.2355, 0.1238



# Inverse Universe

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



76.0120, 87.3862, 107.4687



73.1388, 85.4088, 107.2385



68.4190, 72.2001, 104.9377



18.3722, 20.1160, 23.1644



23.8030, 32.5155, 54.4562



2.3647, 3.2602, 5.3179



# Previews

## White Background



This preview shows how the XYZ color 74.0954, 70.1027, 64.8843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

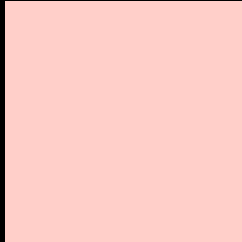
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0954, 70.1027, 64.8843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

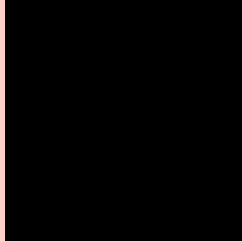
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.0954, 70.1027, 64.8843**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0954, 70.1027, 64.8843.



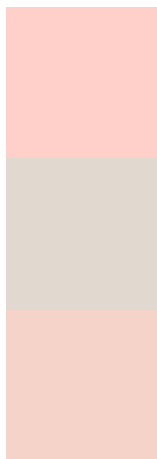
This preview shows how white text looks on a background with the XYZ color 74.0954, 70.1027,



# 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

74.0954, 70.1027, 64.8843

### Protanopia

67.1267, 70.1383, 69.0316

### Deuteranopia

71.7256, 70.3515, 64.4424



## Tritanopia

75.9896, 70.0900, 77.2338

# Trichromacy



## Original Color

74.0954, 70.1027, 64.8843

## Protanomaly

69.4058, 69.8291, 67.5779

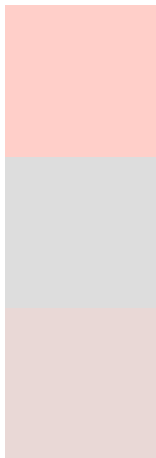
## Deuteranomaly

72.5388, 70.4031, 64.4095

## Tritanomaly

75.3215, 70.2067, 72.5322

# Monochromacy



## Original Color

74.0954, 70.1027, 64.8843

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.2977, 71.2904, 73.6737

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0954, 70.1027, 64.8843 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, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 201)  
}
```

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, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0954, 70.1027, 64.8843 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, 207, 201) }
```



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

```
.border{ border-color:rgb(255, 207, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0954, 70.1027, 64.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 201) }
```

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

```
.background{ background-color: rgb(255,  
207, 201) }
```

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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