

# Converting Colors

XYZ(74.4368, 69.4448, 72.8455)

Have a look what the booklet for  
XYZ(74.4368, 69.4448, 72.8455)  
contains.

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# Color

**XYZ(74.4769, 69.4003,  
73.0886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCDD6
RGB	253, 205, 214
RGB Percent	99%, 80%, 84%
CMY	0.0078, 0.1961, 0.1608
CMYK	0.00, 0.19, 0.15, 0.01
HSL	349°, 92%, 90%
HSV	349°, 19%, 99%
XYZ	74.4769, 69.4003, 73.0886
YIQ	220.3780, 25.7190, 12.9750

# Conversions

## Conversions Part 2

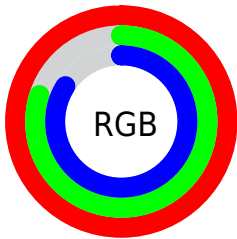
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 205, 214
Decimal	16633302
CIE Lab	86.70, 18.28, 1.96
CIE LCh	87, 18.385, 6.107
Yxy	69.4003, 0.3433, 0.3199
Android (android.graphics.Color)	4294823382 (0xFFFDCCDD6)
YUV	220.3780, -3.1444, 28.6095
Hunter-Lab	83.3068, 13.7933, 6.2972

# Details

The XYZ color **74.4769, 69.4003, 73.0886** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6340, 89.7630, 98.8791**, and the grayscale version is **68.3018, 71.8588, 78.2543**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0896, 36.3722, 37.7085** is the 20% darker color. If you saturate the color by 10%, you get **66.4454, 57.2768, 58.2652**, and if you desaturate by 10%, it is **83.8222, 83.6197, 89.9864**.

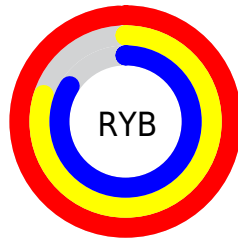
# Distribution



Red (99%)

Green (80%)

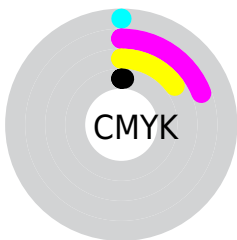
Blue (84%)



Red (99%)

Yellow (80%)

Blue (84%)

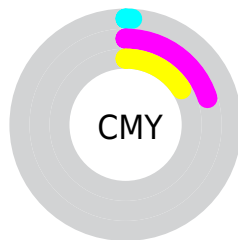


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (20%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4769, 69.4003, 73.0886 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 74.4769, 69.4003, 73.0886 by changing the saturation by 10% instead.




 74.4769, 69.4003,  
73.0886

 74.4769, 69.4003,  
73.0886


465.1426,  
458.4415, 490.4008

 55.4771, 51.0378,  
53.5561


124.5635,  
118.3531, 125.3251

 40.0192, 36.2387,  
37.8562


156.3810,  
149.7123, 158.8662

 27.7378, 24.6186,  
25.5701


193.2018,  
186.1724, 197.9139

 18.2675, 15.7931,  
16.2794

235.3913,  
228.1179, 242.8868

 11.2431, 9.3779,  
9.5656

283.3147,  
275.9331, 294.2034

 6.2991, 4.9885,  
5.0101

337.3375,

 3.0702, 2.2405,

330.0026, 352.2822

2.1943

397.8250,  
390.7106, 417.5419

■ 1.1910, 0.7419,  
0.6711

■ 0.0992, 0.0000,  
0.0000

■ 74.4769, 69.4003,  
73.0886

■ 74.4769, 69.4003,  
73.0886

■ 66.4454, 57.2768,  
58.2652

■ 83.8222, 83.6197,  
89.9864

■ 59.6627, 47.1409,  
45.4314

94.3183, 99.6228,  
108.8658

■ 54.0668, 38.8889,  
34.5030

■ 49.5881, 32.4040,  
25.3879

■ 46.1496, 27.5560,  
17.9863

■ 43.6641, 24.1971,  
12.1882

■ 42.0298, 22.1522,  
7.8705

■ 41.1023, 21.1657,  
4.8844

■ 41.0299, 21.0914,  
4.6424

# Harmonies

## Analogous

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



73.7661, 69.4003, 85.5049



74.4769, 69.4003, 73.0886



72.8281, 69.4003, 62.5260

# Triad

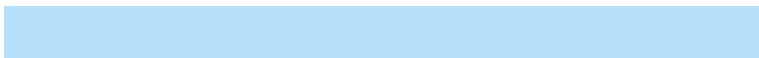
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4769, 69.4003, 73.0886



61.2373, 69.4003, 58.0995



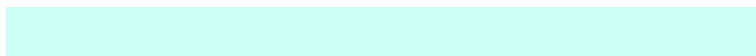
62.6899, 69.4003, 99.1929

# Complementary

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



74.4769, 69.4003, 73.0886



76.6340, 89.7630, 98.8791

# 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.



59.5433, 69.4003, 90.3016



74.4769, 69.4003, 73.0886



58.7304, 69.4003, 66.4272

# Square

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



74.4769, 69.4003, 73.0886



65.0924, 69.4003, 54.4945



58.1238, 69.4003, 78.0970



66.8411, 69.4003, 101.4681



# Rectangle

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



74.4769, 69.4003, 73.0886



70.6529, 69.4003, 57.6628



58.1238, 69.4003, 78.0970



61.4852, 69.4003, 96.8352

# Sweetspot

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



74.4788, 69.4034, 73.0901



88.4243, 89.8487, 97.1341



76.6635, 69.8837, 102.3774



18.7786, 19.0053, 20.5269



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

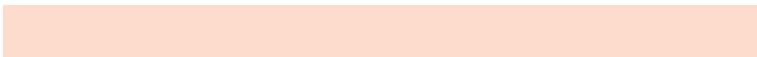
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4788, 69.4034, 73.0901



72.3634, 65.4197, 68.0646



76.9656, 76.1652, 68.4063



18.1484, 18.0427, 19.3988



21.8649, 11.2352, 2.6729



2.1642, 1.1080, 0.4460



# Inverse Universe

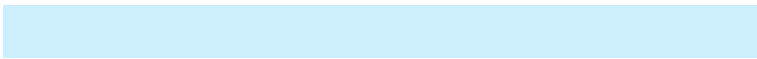
The Inverse Universe completely reimagines the original color for something new.



74.4788, 69.4034, 73.0901



72.3634, 65.4197, 68.0646



73.6584, 81.5723, 104.7920



18.1484, 18.0427, 19.3988



21.8649, 11.2352, 2.6729



2.1642, 1.1080, 0.4460



# Previews

## White Background



This preview shows how the XYZ color 74.4769, 69.4003, 73.0886 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

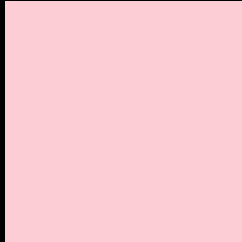
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4769, 69.4003, 73.0886 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 74.4769, 69.4003, 73.0886**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4769, 69.4003, 73.0886.



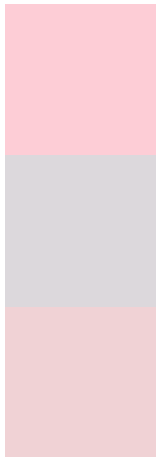
This preview shows how white text looks on a background with the XYZ color 74.4769, 69.4003,



# 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

74.4769, 69.4003, 73.0886

### Protanopia

66.9893, 69.4947, 77.5932

### Deuteranopia

70.9920, 69.4225, 72.6090



## Tritanopia

75.3842, 69.4239, 77.1371

# Trichromacy



## Original Color

74.4769, 69.4003, 73.0886

## Protanomaly

69.4771, 69.3047, 76.0450

## Deuteranomaly

72.2223, 69.3283, 72.5260

## Tritanomaly

75.1208, 69.3185, 75.7502

# Monochromacy



## Original Color

74.4769, 69.4003, 73.0886

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

70.2340, 70.8186, 76.2973

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4769, 69.4003, 73.0886 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, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(253, 205, 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(253, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 205, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4769, 69.4003, 73.0886 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, 205, 214) }
```



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

```
.border{ border-color:rgb(253, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(253, 205,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4769, 69.4003, 73.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 205, 214) }
```

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

```
.background{ background-color: rgb(253,  
205, 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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