

# Converting Colors

XYZ(70.8974, 69.5433, 64.9448)

Have a look what the booklet for  
XYZ(70.8974, 69.5433, 64.9448)  
contains.

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# Color

**XYZ(70.8974, 69.5433,  
64.9448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4D2C9
RGB	244, 210, 201
RGB Percent	96%, 82%, 79%
CMY	0.0431, 0.1764, 0.2118
CMYK	0.00, 0.14, 0.18, 0.04
HSL	13°, 66%, 87%
HSV	13°, 18%, 96%
XYZ	70.8974, 69.5433, 64.9448
YIQ	219.1400, 23.1530, 4.4090

# Conversions

## Conversions Part 2

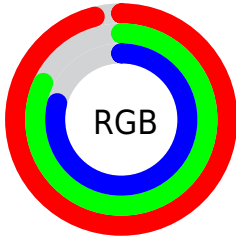
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 212, 201
Decimal	16044745
CIE <sub>Lab</sub>	86.77, 10.47, 8.84
CIE <sub>LCh</sub>	87, 13.703, 40.172
Yxy	69.5433, 0.3452, 0.3386
Android (android.graphics.Color)	4294234825 (0xFFFF4D2C9)
YUV	219.1400, -8.9430, 21.8022
Hunter-Lab	83.3926, 5.8172, 12.2008

# Details

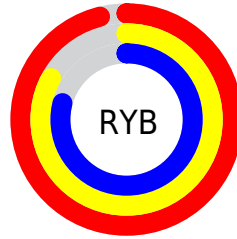
The XYZ color **70.8974, 69.5433, 64.9448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1243, 78.3639, 97.0183**, and the grayscale version is **67.4795, 70.9937, 77.3121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6484, 36.4483, 32.6547** is the 20% darker color. If you saturate the color by 10%, you get **63.7734, 59.5293, 49.5161**, and if you desaturate by 10%, it is **79.0553, 80.8942, 82.9692**.

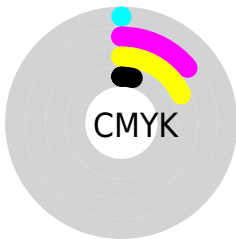
# Distribution



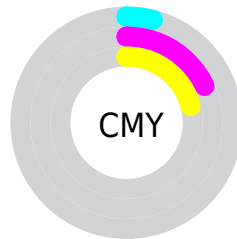
- Red (96%)
- Green (82%)
- Blue (79%)



- Red (96%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8974, 69.5433, 64.9448 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 70.8974, 69.5433, 64.9448 by changing the saturation by 10% instead.



70.8974, 69.5433,  
64.9448

70.8974, 69.5433,  
64.9448

452.9121,  
458.9448, 460.8944

52.5407, 51.1543,  
46.9653

119.5069,  
118.5572, 113.5830

37.6622, 36.3314,  
32.6540

150.4905,  
149.9510, 145.0788

25.8967, 24.6903,  
21.5926

186.4137,  
186.4484, 181.9170

16.8786, 15.8464,  
13.3624

227.6419,  
228.4339, 224.5163

10.2428, 9.4156,  
7.5449

274.5405,  
276.2919, 273.2951

5.6237, 5.0132,  
3.7216

327.4748,

2.6561, 2.2550,

330.4068, 328.6720

1.4739

386.8103,  
391.1630, 391.0656

■ 0.9746, 0.7497,  
0.1984

■ 0.0000, 0.0000,  
0.0000

■ 70.8974, 69.5433,  
64.9448

■ 70.8974, 69.5433,  
64.9448

■ 63.7734, 59.5293,  
49.5161

■ 79.0553, 80.8942,  
82.9692

■ 57.6358, 50.7934,  
36.5587

■ 88.2808, 93.6191,  
103.6969

■ 52.4417, 43.2867,  
25.9447

■ 91.1185, 97.9732,  
108.7160

■ 48.1430, 36.9529,  
17.5330

■ 44.6869, 31.7319,  
11.1670

■ 42.0147, 27.5575,  
6.6692

■ 40.0596, 24.3564,  
3.8317

■ 38.7391, 22.0436,  
2.3796

■ 38.4965, 21.6093,  
2.1420

# Harmonies

## Analogous

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



72.3219, 69.5433, 72.6608



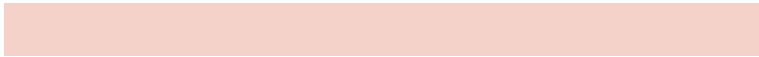
70.8974, 69.5433, 64.9448



68.2013, 69.5433, 60.3686

# Triad

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



70.8974, 69.5433, 64.9448



60.4950, 69.5433, 69.9171



67.1880, 69.5433, 94.3609

# Complementary

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



70.8974, 69.5433, 64.9448



70.1243, 78.3639, 97.0183

# 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.



64.0400, 69.5433, 93.4774



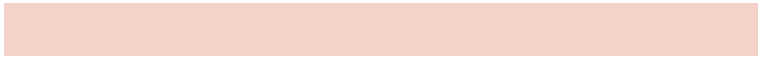
70.8974, 69.5433, 64.9448



60.2434, 69.5433, 78.8656

# Square

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



70.8974, 69.5433, 64.9448



62.2205, 69.5433, 63.0754



61.5218, 69.5433, 87.6274



70.1351, 69.5433, 89.9526



# Rectangle

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



70.8974, 69.5433, 64.9448



66.0805, 69.5433, 59.4776



61.5218, 69.5433, 87.6274



66.1172, 69.5433, 94.6809

# Sweetspot

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



70.8993, 69.5464, 64.9463



89.9328, 92.9422, 97.4011



73.2488, 67.0285, 87.9784



19.1006, 19.6878, 20.5150



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.



70.8993, 69.5464, 64.9463



75.5454, 72.9178, 65.6292



76.4554, 80.6587, 66.7983



16.7803, 17.0447, 17.2031



21.0111, 11.9077, 1.1910



1.9179, 1.1890, 0.1284

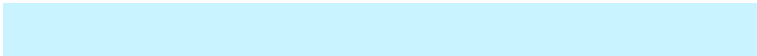


# Inverse Universe

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



70.1243, 78.3639, 97.0183



74.5449, 84.2727, 106.9451



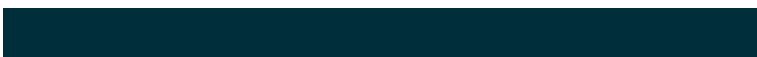
64.4386, 66.9926, 95.1231



16.6849, 18.1341, 21.1634



19.3388, 24.4714, 50.2422

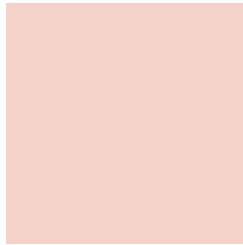


1.7718, 2.2950, 4.4398



# Previews

## White Background



This preview shows how the XYZ color 70.8974, 69.5433, 64.9448 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 70.8974, 69.5433, 64.9448 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

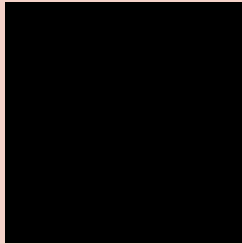
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 70.8974, 69.5433, 64.9448**

## **Background**



This preview shows how black text looks on a background with the XYZ color 70.8974, 69.5433, 64.9448.



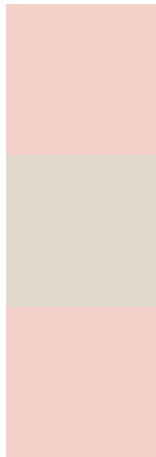
This preview shows how white text looks on a background with the XYZ color 70.8974, 69.5433,

64.9448.

# 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

70.8974, 69.5433, 64.9448

### Protanopia

66.5728, 69.8808, 67.7372

### Deuteranopia

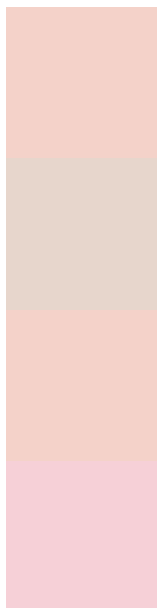
70.8974, 69.5433, 64.9448



## Tritanopia

73.9899, 69.7275, 79.3711

# Trichromacy



## Original Color

70.8974, 69.5433, 64.9448

## Protanomaly

67.9006, 69.4417, 66.9516

## Deuteranomaly

70.8974, 69.5433, 64.9448

## Tritanomaly

72.8277, 69.6109, 73.8878

# Monochromacy



## Original Color

70.8974, 69.5433, 64.9448

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

68.4344, 70.3592, 72.2612

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.8974, 69.5433, 64.9448 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(244, 210, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 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(244, 210, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 70.8974, 69.5433, 64.9448 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(244, 210, 201) }
```



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

```
.border{ border-color:rgb(244, 210, 201) }
```

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

Here you see how a box with a 4 pixel rgb(244, 210, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.8974, 69.5433, 64.9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 201) }
```

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

```
.background{ background-color: rgb(244,  
210, 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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