

# Converting Colors

XYZ(73.9943, 70.7627, 62.1923)

Have a look what the booklet for  
XYZ(73.9943, 70.7627, 62.1923)  
contains.

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# Color

**XYZ(74.0043, 70.8465,  
61.9988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD1C4
RGB	255, 209, 196
RGB Percent	100%, 82%, 77%
CMY	0.0000, 0.1804, 0.2314
CMYK	0.00, 0.18, 0.23, 0.00
HSL	13°, 100%, 88%
HSV	13°, 23%, 100%
XYZ	74.0043, 70.8465, 61.9988
YIQ	221.2720, 31.5890, 5.7090

# Conversions

## Conversions Part 2

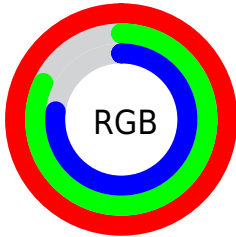
Format	Color
R <sub>Y</sub> B	255, 213, 196
Decimal	16765380
CIE Lab	87.41, 14.25, 12.52
CIE LCh	87, 18.971, 41.313
Yxy	70.8465, 0.3578, 0.3425
Android (android.graphics.Color)	4294955460 (0xFFFFD1C4)
YUV	221.2720, -12.4591, 29.5795
Hunter-Lab	84.1704, 9.6427, 15.2470

# Details

The XYZ color **74.0043, 70.8465, 61.9988** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5660, 82.4573, 106.6990**, and the grayscale version is **68.9891, 72.5819, 79.0417**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.7268, 37.0700, 30.6526** is the 20% darker color. If you saturate the color by 10%, you get **66.7682, 60.6313, 46.4634**, and if you desaturate by 10%, it is **82.3457, 82.4825, 80.3381**.

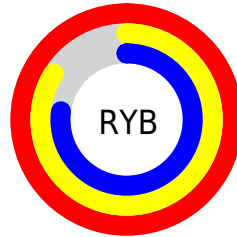
# Distribution



Red (100%)

Green (82%)

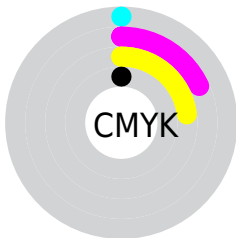
Blue (77%)



Red (100%)

Yellow (84%)

Blue (77%)

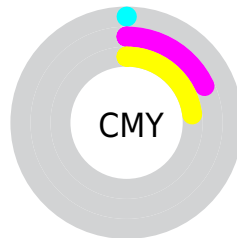


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0043, 70.8465, 61.9988 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 74.0043, 70.8465, 61.9988 by changing the saturation by 10% instead.




 74.0043, 70.8465,  
61.9988

 74.0043, 70.8465,  
61.9988


463.5383,  
463.5167, 449.9342

 55.0889, 52.2169,  
44.5959


123.8974,  
120.4151, 109.2954

 39.7070, 37.1780,  
30.7987


155.6057,  
152.1230, 140.0262

 27.4934, 25.3454,  
20.1884

192.3090,  
188.9591, 176.0367

 18.0826, 16.3345,  
12.3466

234.3727,  
231.3078, 217.7455

 11.1093, 9.7612,  
6.8548

282.1622,  
279.5535, 265.5711

 6.2083, 5.2409,  
3.2944

336.0427,

 3.0140, 2.3893,

334.0806, 319.9321

1.2469

396.3796,  
395.2735, 381.2470

■ 1.1612, 0.8204,  
0.0176

■ 0.0754, 0.0000,  
0.0000

■ 74.0043, 70.8465,  
61.9988

■ 74.0043, 70.8465,  
61.9988

■ 66.7682, 60.6313,  
46.4634

■ 82.3457, 82.4825,  
80.3381

■ 60.5851, 51.7727,  
33.5886

■ 91.8317, 95.5814,  
101.6059

■ 55.4059, 44.2158,  
23.2254

95.0500, 100.0000,  
108.9000

■ 51.1754, 37.8981,  
15.2078

■ 47.8328, 32.7516,  
9.3500

■ 45.3096, 28.7016,  
5.4375

■ 43.5261, 25.6640,  
3.2107

■ 42.6643, 24.1086,  
2.4048

# Harmonies

## Analogous

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



76.1253, 70.8465, 72.4095



74.0043, 70.8465, 61.9988



70.1301, 70.8465, 56.0859

# Triad

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



74.0043, 70.8465, 61.9988



59.5166, 70.8465, 69.5161



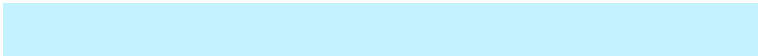
69.0382, 70.8465, 103.8926

# Complementary

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



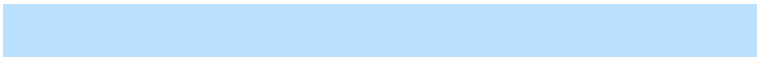
74.0043, 70.8465, 61.9988



72.5660, 82.4573, 106.6990

# 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.



64.6200, 70.8465, 102.8961



74.0043, 70.8465, 61.9988



59.2534, 70.8465, 82.0717

# Square

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



74.0043, 70.8465, 61.9988



61.8193, 70.8465, 60.0829



61.0836, 70.8465, 94.5646



73.1746, 70.8465, 97.1531



# Rectangle

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



74.0043, 70.8465, 61.9988



67.1407, 70.8465, 55.0479



61.0836, 70.8465, 94.5646



67.5346, 70.8465, 104.4692

# Sweetspot

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



74.0060, 70.8496, 62.0003



88.0283, 90.3439, 93.0342



77.0399, 67.1644, 93.0790



18.7179, 19.1665, 19.6352



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.



74.0060, 70.8496, 62.0003



70.3512, 65.7067, 54.1026



81.8612, 86.5600, 64.6187



18.3340, 18.6361, 18.7752



22.3823, 12.7759, 1.2863

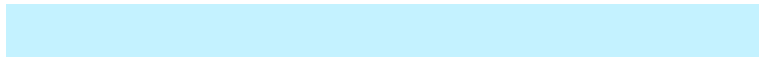


2.2559, 1.3971, 0.1508

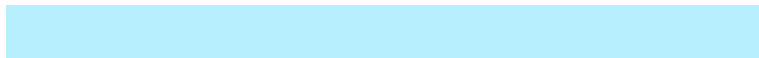


# Inverse Universe

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



72.5660, 82.4573, 106.6990



68.6646, 79.2473, 106.2850



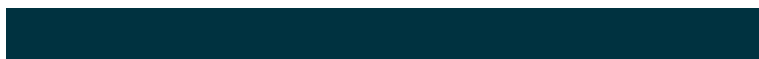
64.5387, 66.4026, 104.0232



18.1952, 19.7620, 23.1054



20.1937, 25.2970, 53.2531

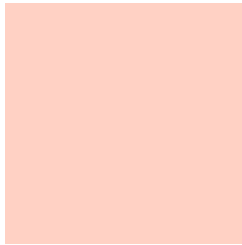


2.0460, 2.6228, 5.2117



# Previews

## White Background



This preview shows how the XYZ color 74.0043, 70.8465, 61.9988 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

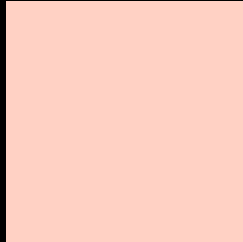
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0043, 70.8465, 61.9988 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

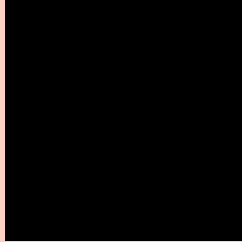
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.0043, 70.8465, 61.9988**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0043, 70.8465, 61.9988.



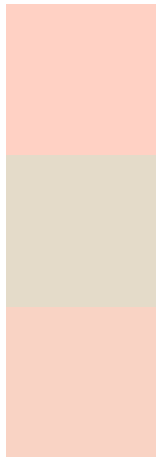
This preview shows how white text looks on a background with the XYZ color 74.0043, 70.8465,

61.9988.

# 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

74.0043, 70.8465, 61.9988

### Protanopia

67.8690, 71.3741, 65.4578

### Deuteranopia

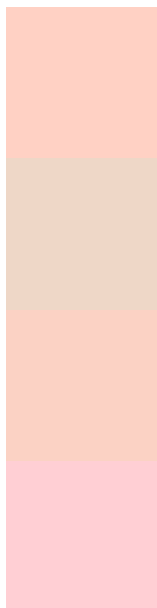
72.3250, 70.7138, 62.0617



## Tritanopia

76.3625, 70.6231, 78.0135

# Trichromacy



## Original Color

74.0043, 70.8465, 61.9988

## Protanomaly

69.8691, 70.9015, 64.0357

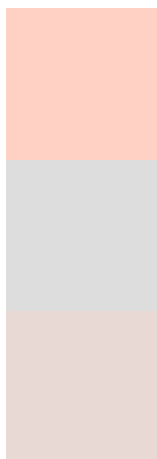
## Deuteranomaly

72.7941, 70.5879, 62.0127

## Tritanomaly

75.4365, 70.6391, 71.9461

# Monochromacy



## Original Color

74.0043, 70.8465, 61.9988

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.3008, 71.7028, 72.4221

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0043, 70.8465, 61.9988 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, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 196)  
}
```

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, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0043, 70.8465, 61.9988 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, 209, 196) }
```



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

```
.border{ border-color:rgb(255, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0043, 70.8465, 61.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 196) }
```

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

```
.background{ background-color: rgb(255,  
209, 196) }
```

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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