

# Converting Colors

XYZ(73.5971, 72.2556, 67.7675)

Have a look what the booklet for  
XYZ(73.5971, 72.2556, 67.7675)  
contains.

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# Color

**XYZ(73.7774, 72.4574,  
67.8548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D6CD
RGB	248, 214, 205
RGB Percent	97%, 84%, 80%
CMY	0.0274, 0.1608, 0.1961
CMYK	0.00, 0.14, 0.17, 0.03
HSL	13°, 75%, 89%
HSV	13°, 17%, 97%
XYZ	73.7774, 72.4574, 67.8548
YIQ	223.1400, 23.1530, 4.4090

# Conversions

## Conversions Part 2

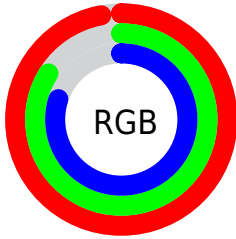
Format	Color
RYB	248, 216, 205
Decimal	16307917
CIELab	88.19, 10.43, 8.80
CIELCh	88, 13.645, 40.174
Yxy	72.4574, 0.3446, 0.3384
Android (android.graphics.Color)	4294497997 (0xFFFF8D6CD)
YUV	223.1400, -8.9430, 21.8022
Hunter-Lab	85.1219, 5.7473, 12.3224

# Details

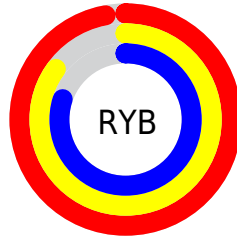
The XYZ color **73.7774, 72.4574, 67.8548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9860, 81.4874, 100.6893**, and the grayscale version is **70.2904, 73.9510, 80.5327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4699, 38.1070, 34.5533** is the 20% darker color. If you saturate the color by 10%, you get **66.3512, 62.0217, 51.7620**, and if you desaturate by 10%, it is **82.2794, 84.2840, 86.6488**.

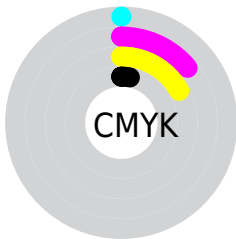
# Distribution



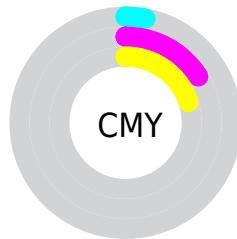
- Red (97%)
- Green (84%)
- Blue (80%)



- Red (97%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7774, 72.4574, 67.8548 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 73.7774, 72.4574, 67.8548 by changing the saturation by 10% instead.



 73.7774, 72.4574,  
67.8548

 73.7774, 72.4574,  
67.8548


462.7669,  
469.1321, 471.5655

 54.9025, 53.5324,  
49.3137


123.5774,  
122.7066, 117.7966

 39.5572, 38.2280,  
34.5010


155.2332,  
154.7996, 150.0344

 27.3761, 26.1597,  
22.9983

191.8801,  
192.0507, 187.6749

 17.9940, 16.9431,  
14.3869

233.8833,  
234.8444, 231.1365

 11.0453, 10.1939,  
8.2485

281.6082,  
283.5650, 280.8378

 6.1648, 5.5277,  
4.1643

335.4202,

 2.9872, 2.5601,

338.5968, 337.1974

1.7159

395.6847,  
400.3244, 400.6338

■ 1.1470, 0.9067,  
0.3716

■ 0.0639, 0.0000,  
0.0000

■ 73.7774, 72.4574,  
67.8548

■ 73.7774, 72.4574,  
67.8548

■ 66.3512, 62.0217,  
51.7620

■ 82.2794, 84.2840,  
86.6488

■ 59.9515, 52.9160,  
38.2414

■ 91.8921, 97.5401,  
108.2558

■ 54.5338, 45.0892,  
27.1602

■ 92.5216, 98.6966,  
108.7817

■ 50.0479, 38.4832,  
18.3717

■ 46.4392, 33.0352,  
11.7137

■ 43.6467, 28.6768,  
7.0020

■ 41.6014, 25.3318,  
4.0211

■ 40.2185, 22.9125,  
2.4924

■ 39.9367, 22.4067,  
2.2200

# Harmonies

## Analogous

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



75.2340, 72.4574, 75.7606



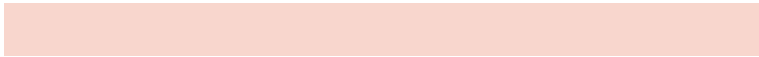
73.7774, 72.4574, 67.8548



71.0197, 72.4574, 63.1608

# Triad

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



73.7774, 72.4574, 67.8548



63.1303, 72.4574, 72.9519



69.9834, 72.4574, 97.9455

# Complementary

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



73.7774, 72.4574, 67.8548



72.9860, 81.4874, 100.6893

# 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.



66.7613, 72.4574, 97.0439



73.7774, 72.4574, 67.8548



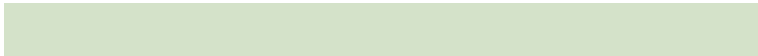
62.8727, 72.4574, 82.1122

# Square

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



73.7774, 72.4574, 67.8548



64.8977, 72.4574, 65.9386



64.1825, 72.4574, 91.0695



72.9982, 72.4574, 93.4436



# Rectangle

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



73.7774, 72.4574, 67.8548



68.8495, 72.4574, 62.2465



64.1825, 72.4574, 91.0695



68.8876, 72.4574, 98.2723

# Sweetspot

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



73.7794, 72.4607, 67.8563



89.9328, 92.9423, 97.4011



76.1826, 69.8757, 91.4443



19.1006, 19.6878, 20.5150



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

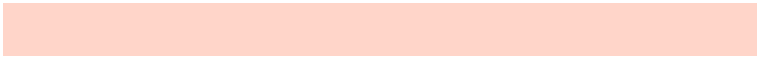


# Same Dimension

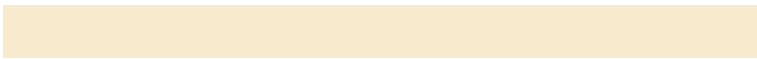
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7794, 72.4607, 67.8563



75.5455, 72.9179, 65.6292



79.4685, 83.8389, 69.7527



17.5391, 17.8140, 17.9764



21.6545, 12.2657, 1.2262



2.0784, 1.2816, 0.1378



# Inverse Universe

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



72.9860, 81.4874, 100.6893



74.5449, 84.2726, 106.9450



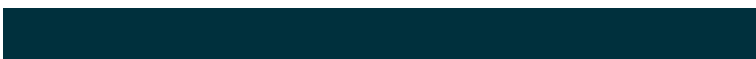
67.1665, 69.8483, 98.7495



17.4392, 18.9551, 22.1249



19.9293, 25.2142, 51.7900

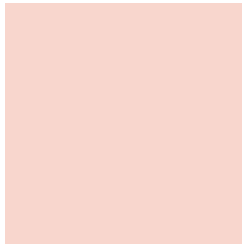


1.9204, 2.4845, 4.8215



# Previews

## White Background



This preview shows how the XYZ color 73.7774, 72.4574, 67.8548 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

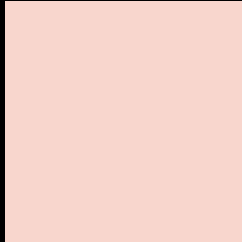
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.7774, 72.4574, 67.8548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

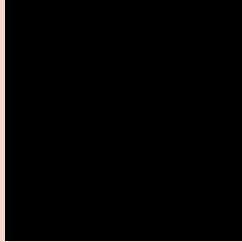
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.7774, 72.4574, 67.8548**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.7774, 72.4574, 67.8548.



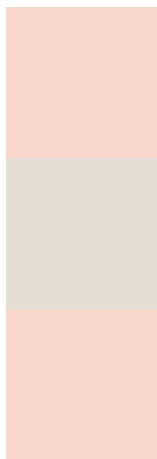
This preview shows how white text looks on a background with the XYZ color 73.7774, 72.4574,

67.8548.

# 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

73.7774, 72.4574, 67.8548

### Protanopia

69.3600, 72.8103, 70.7197

### Deuteranopia

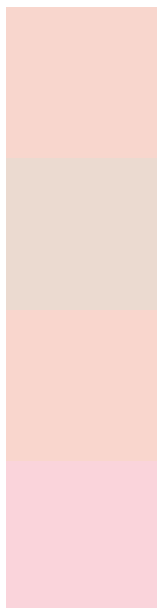
74.1329, 72.6406, 67.8714



## Tritanopia

76.9431, 72.6438, 82.6394

# Trichromacy



## Original Color

73.7774, 72.4574, 67.8548

## Protanomaly

70.7175, 72.3590, 69.9140

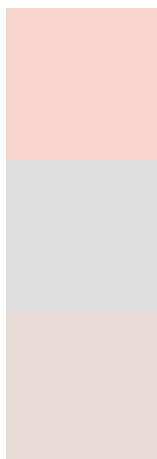
## Deuteranomaly

74.1329, 72.6406, 67.8714

## Tritanomaly

75.7540, 72.5254, 77.0240

# Monochromacy



## Original Color

73.7774, 72.4574, 67.8548

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.2666, 73.3001, 75.3579

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.7774, 72.4574, 67.8548 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(248, 214, 205) looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 205)  
}
```

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(248, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 73.7774, 72.4574, 67.8548 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(248, 214, 205) }
```



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

```
.border{ border-color:rgb(248, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.7774, 72.4574, 67.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 205) }
```

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

```
.background{ background-color: rgb(248,  
214, 205) }
```

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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