

# Converting Colors

XYZ(76.4572, 73.6948, 74.4848)

Have a look what the booklet for  
XYZ(76.4572, 73.6948, 74.4848)  
contains.

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# Color

**XYZ(76.4572, 73.6949,  
74.4848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD6D7
RGB	252, 214, 215
RGB Percent	99%, 84%, 84%
CMY	0.0118, 0.1608, 0.1569
CMYK	0.00, 0.15, 0.15, 0.01
HSL	358°, 86%, 91%
HSV	358°, 15%, 99%
XYZ	76.4572, 73.6949, 74.4848
YIQ	225.4760, 22.3270, 8.3670

# Conversions

## Conversions Part 2

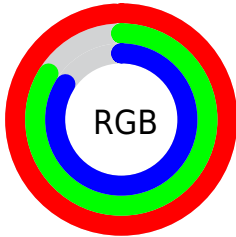
Format	Color
R <sub>Y</sub> B	252, 214, 215
Decimal	16570071
CIE Lab	88.78, 13.38, 4.43
CIE LCh	89, 14.095, 18.308
Yxy	73.6949, 0.3404, 0.3281
Android (android.graphics.Color)	4294760151 (0xFFFC6D7)
YUV	225.4760, -5.1647, 23.2615
Hunter-Lab	85.8457, 8.7483, 8.6485

# Details

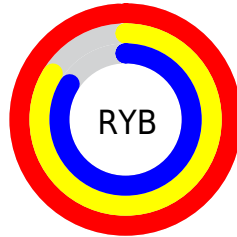
The XYZ color **76.4572, 73.6949, 74.4848** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9574, 90.8838, 104.5994**, and the grayscale version is **71.9371, 75.6834, 82.4192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2490, 38.9364, 38.5991** is the 20% darker color. If you saturate the color by 10%, you get **67.6459, 60.7453, 57.1399**, and if you desaturate by 10%, it is **86.7322, 88.8135, 94.6528**.

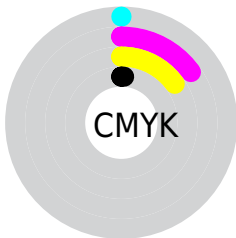
# Distribution



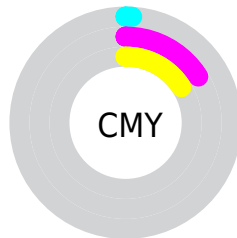
- Red (99%)
- Green (84%)
- Blue (84%)



- Red (99%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (1%)




- Cyan (1%)
- Magenta (16%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4572, 73.6949, 74.4848 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 76.4572, 73.6949, 74.4848 by changing the saturation by 10% instead.




 76.4572, 73.6949,  
74.4848

 76.4572, 73.6949,  
74.4848


471.8317,  
473.4197, 495.3530

 57.1059, 54.5444,  
54.6917


127.3499,  
124.4632, 127.3232

 41.3307, 39.0370,  
38.7580


159.6220,  
156.8498, 161.2056

 28.7664, 26.7885,  
26.2652


196.9316,  
194.4171, 200.6215

 19.0476, 17.4145,  
16.7946

239.6443,  
237.5497, 245.9895

 11.8089, 10.5304,  
9.9277

288.1253,  
286.6318, 297.7281

 6.6849, 5.7521,  
5.2461

342.7399,

 3.3104, 2.6949,

342.0479, 356.2559

2.3311

403.8536,  
404.1824, 421.9913

■ 1.3200, 0.9746,  
0.7486

■ 0.1981, 0.0000,  
0.0000

■ 76.4572, 73.6949,  
74.4848

■ 76.4572, 73.6949,  
74.4848

■ 67.6459, 60.7453,  
57.1399

■ 86.7322, 88.8135,  
94.6528

■ 60.2260, 49.8560,  
42.4877

■ 93.9552, 99.4356,  
108.8488

■ 54.1282, 40.9237,  
30.3948

■ 49.2749, 33.8325,  
20.7142

■ 45.5804, 28.4540,  
13.2844

■ 42.9481, 24.6436,  
7.9240

■ 41.2659, 22.2328,  
4.4234

■ 40.3965, 21.0144,  
2.5290

■ 40.1814, 20.7101,  
2.0692

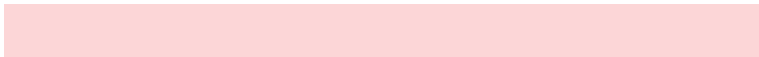
# Harmonies

## Analogous

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



76.6651, 73.6949, 84.1079



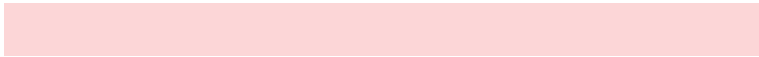
76.4572, 73.6949, 74.4848



74.4979, 73.6949, 67.0175

# Triad

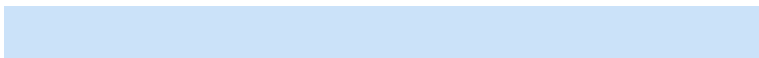
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4572, 73.6949, 74.4848



65.2609, 73.6949, 68.3860



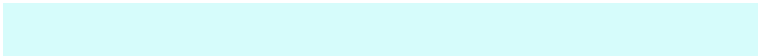
68.7242, 73.6949, 100.0743

# Complementary

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



76.4572, 73.6949, 74.4848



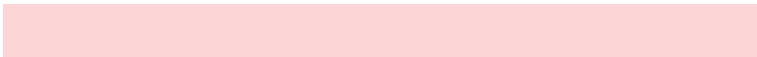
79.9574, 90.8838, 104.5994

# 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.



65.7728, 73.6949, 95.0992



76.4572, 73.6949, 74.4848



63.8171, 73.6949, 76.4949

# Square

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



76.4572, 73.6949, 74.4848



68.0049, 73.6949, 63.6983



64.0013, 73.6949, 86.2868



72.1251, 73.6949, 99.4258



# Rectangle

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



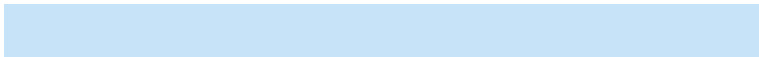
76.4572, 73.6949, 74.4848



72.4968, 73.6949, 64.0241



64.0013, 73.6949, 86.2868



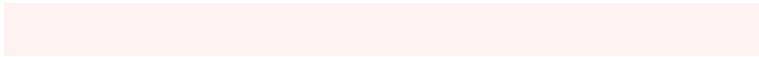
67.6487, 73.6949, 98.9888

# Sweetspot

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



76.4592, 73.6982, 74.4864



89.1815, 91.3591, 97.3988



81.3070, 75.5845, 102.4001



18.9187, 19.3047, 20.5144



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

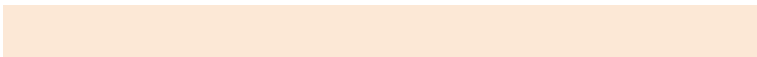
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4592, 73.6982, 74.4864



75.7356, 71.5783, 70.9949



81.0662, 83.1162, 75.3928



17.2630, 17.2326, 17.9750



20.9390, 10.7913, 1.1213

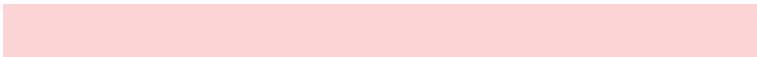


1.9456, 1.0020, 0.1369



# Inverse Universe

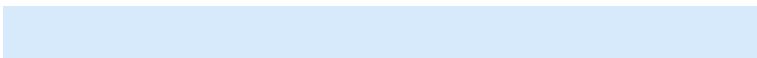
The Inverse Universe completely reimagines the original color for something new.



76.4592, 73.6982, 74.4864



75.7356, 71.5783, 70.9949



74.8039, 80.3249, 103.6578



17.2630, 17.2326, 17.9750



20.9390, 10.7913, 1.1213

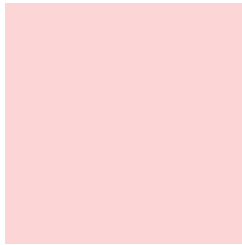


1.9456, 1.0020, 0.1369



# Previews

## White Background



This preview shows how the XYZ color 76.4572, 73.6949, 74.4848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

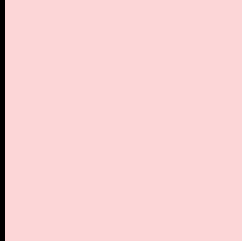
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4572, 73.6949, 74.4848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

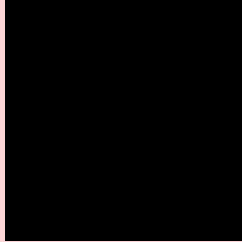
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.4572, 73.6949, 74.4848**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.4572, 73.6949, 74.4848.



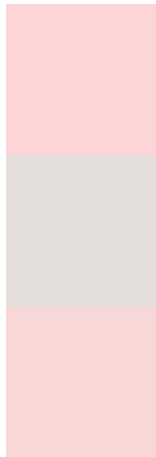
This preview shows how white text looks on a background with the XYZ color 76.4572, 73.6949,

74.4848.

# 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

76.4572, 73.6949, 74.4848

### Protanopia

71.0345, 73.9038, 78.2311

### Deuteranopia

75.5330, 73.9745, 74.5875



## Tritanopia

78.4201, 73.7592, 83.5026

# Trichromacy



## Original Color

76.4572, 73.6949, 74.4848

## Protanomaly

72.9115, 73.7295, 76.7180

## Deuteranomaly

75.6331, 73.6469, 74.5190

## Tritanomaly

77.6215, 73.7989, 79.9655

# Monochromacy



## Original Color

76.4572, 73.6949, 74.4848

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.1685, 74.5955, 78.9486

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4572, 73.6949, 74.4848 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(252, 214, 215) looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 215)  
}
```

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(252, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4572, 73.6949, 74.4848 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(252, 214, 215) }
```



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

```
.border{ border-color:rgb(252, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4572, 73.6949, 74.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 215) }
```

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

```
.background{ background-color: rgb(252,  
214, 215) }
```

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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