

# Converting Colors

XYZ(76.1199, 72.7285, 84.8189)

Have a look what the booklet for  
XYZ(76.1199, 72.7285, 84.8189)  
contains.

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# Color

**XYZ(76.4349, 73.0758,  
84.9394)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D5E6
RGB	247, 213, 230
RGB Percent	97%, 84%, 90%
CMY	0.0314, 0.1647, 0.0980
CMYK	0.00, 0.14, 0.07, 0.03
HSL	330°, 68%, 90%
HSV	330°, 14%, 97%
XYZ	76.4349, 73.0758, 84.9394
YIQ	225.1040, 14.8070, 12.4950

# Conversions

## Conversions Part 2

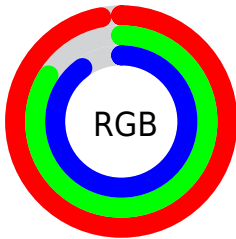
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 213, 230
Decimal	16242150
CIE Lab	88.48, 14.60, -3.97
CIE LCh	88, 15.133, 344.806
Yxy	73.0758, 0.3260, 0.3117
Android (android.graphics.Color)	4294432230 (0xFFFF7D5E6)
YUV	225.1040, 2.4137, 19.2028
Hunter-Lab	85.4844, 10.0061, 0.9271

# Details

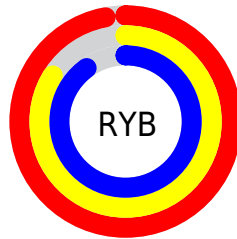
The XYZ color **76.4349, 73.0758, 84.9394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9870, 86.3827, 87.5882**, and the grayscale version is **71.6203, 75.3501, 82.0563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1999, 38.4960, 45.8164** is the 20% darker color. If you saturate the color by 10%, you get **69.0159, 60.9152, 74.2100**, and if you desaturate by 10%, it is **84.9272, 87.1843, 96.6347**.

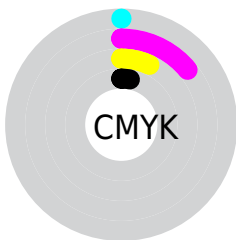
# Distribution



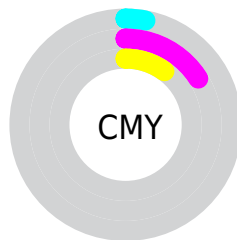
- Red (97%)
- Green (84%)
- Blue (90%)



- Red (97%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4349, 73.0758, 84.9394 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 76.4349, 73.0758, 84.9394 by changing the saturation by 10% instead.




 76.4349, 73.0758,  
84.9394

 76.4349, 73.0758,  
84.9394


471.7567,  
471.2775, 531.5669

 57.0875, 54.0379,  
63.2414


127.3186,  
123.5848, 142.1619

 41.3159, 38.6320,  
45.5943


159.5855,  
155.8248, 178.5236

 28.7548, 26.4736,  
31.5795


196.8897,  
193.2342, 220.6102

 19.0387, 17.1783,  
20.7783

239.5965,  
236.1975, 268.8403

 11.8024, 10.3617,  
12.7724

288.0713,  
285.0991, 323.6325

 6.6805, 5.6394,  
7.1431

342.6793,

 3.3077, 2.6271,

340.3234, 385.4053

3.4720

403.7860,  
402.2547, 454.5773

■ 1.3185, 0.9403,  
1.3404

■ 0.1970, 0.0000,  
0.0945

■ 76.4349, 73.0758,  
84.9394

■ 76.4349, 73.0758,  
84.9394

■ 69.0159, 60.9152,  
74.2100

■ 84.9272, 87.1843,  
96.6347

■ 62.6186, 50.6065,  
64.4143

■ 92.1206, 98.4953,  
108.5147

■ 57.1968, 42.0601,  
55.5248

■ 92.1682, 98.5144,  
108.7651

■ 52.6977, 35.1750,  
47.5107

■ 49.0634, 29.8397,  
40.3387

■ 46.2289, 25.9293,  
33.9730

■ 44.1195, 23.2986,  
28.3736

■ 42.6443, 21.7714,  
23.4947

■ 41.9638, 21.2166,  
20.7822

# Harmonies

## Analogous

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



74.5083, 73.0758, 94.6594



76.4349, 73.0758, 84.9394



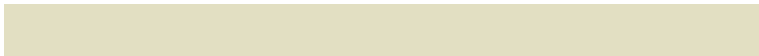
76.4480, 73.0758, 74.5521

# Triad

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



76.4349, 73.0758, 84.9394



67.6824, 73.0758, 61.7121



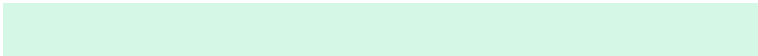
64.6060, 73.0758, 94.5514

# Complementary

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



76.4349, 73.0758, 84.9394



74.9870, 86.3827, 87.5882

# 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.



62.9045, 73.0758, 84.8022



76.4349, 73.0758, 84.9394



64.6381, 73.0758, 66.1709

# Square

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



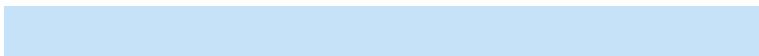
76.4349, 73.0758, 84.9394



71.3077, 73.0758, 61.7419



62.9161, 73.0758, 74.4263



67.6373, 73.0758, 100.5301

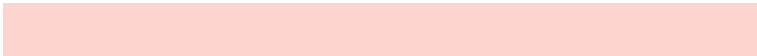


# Rectangle

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



76.4349, 73.0758, 84.9394



75.3656, 73.0758, 68.6612



62.9161, 73.0758, 74.4263



63.8644, 73.0758, 91.5707

# Sweetspot

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



76.4370, 73.0790, 84.9410



91.0715, 93.3397, 103.5762



73.2186, 71.1304, 97.8671



19.3375, 19.7188, 21.9594



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.



76.4370, 73.0790, 84.9410



79.4502, 74.0738, 87.4427



74.1648, 72.1702, 72.9760



16.8447, 16.6207, 18.9286



22.2648, 11.2493, 11.3686



2.0087, 1.0095, 1.2723



# Inverse Universe

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



76.4370, 73.0790, 84.9410



79.4502, 74.0738, 87.4427



77.4920, 87.3847, 100.7792



16.8447, 16.6207, 18.9286



22.2648, 11.2493, 11.3686

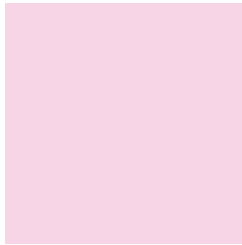


2.0087, 1.0095, 1.2723



# Previews

## White Background



This preview shows how the XYZ color 76.4349, 73.0758, 84.9394 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

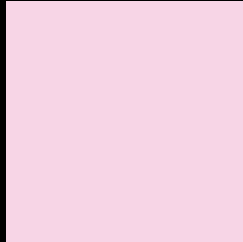
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4349, 73.0758, 84.9394 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

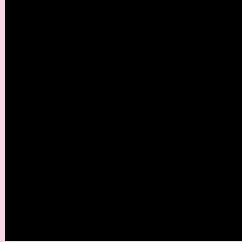
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.4349, 73.0758, 84.9394**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.4349, 73.0758, 84.9394.



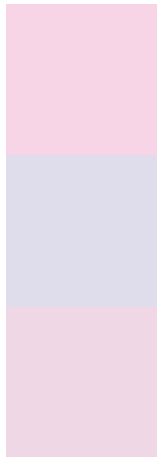
This preview shows how white text looks on a background with the XYZ color 76.4349, 73.0758,



# 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

76.4349, 73.0758, 84.9394

### Protanopia

71.2833, 73.3990, 89.0077

### Deuteranopia

74.5185, 72.8393, 84.9948



## Tritanopia

76.4349, 73.0758, 84.9394

# Trichromacy



## Original Color

76.4349, 73.0758, 84.9394

## Protanomaly

73.0581, 73.1818, 87.3657

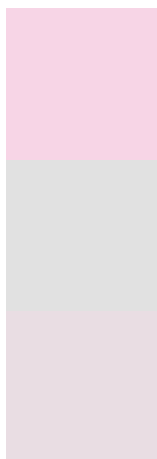
## Deuteranomaly

75.2916, 72.8610, 84.9582

## Tritanomaly

76.4349, 73.0758, 84.9394

# Monochromacy



## Original Color

76.4349, 73.0758, 84.9394

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.3259, 74.5826, 83.2042

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4349, 73.0758, 84.9394 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(247, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 230)  
}
```

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(247, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4349, 73.0758, 84.9394 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(247, 213, 230) }
```



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

```
.border{ border-color:rgb(247, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 213, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 213, 230); box-shadow:4px 4px 4px 4px rgb(247, 213, 230) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4349, 73.0758, 84.9394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 230) }
```

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

```
.background{ background-color: rgb(247,  
213, 230) }
```

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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