

# Converting Colors

XYZ(73.9843, 71.0764, 73.4149)

Have a look what the booklet for  
XYZ(73.9843, 71.0764, 73.4149)  
contains.

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# Color

**XYZ(73.8956, 70.9047,  
73.4096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D2D6
RGB	248, 210, 214
RGB Percent	97%, 82%, 84%
CMY	0.0274, 0.1764, 0.1608
CMYK	0.00, 0.15, 0.14, 0.03
HSL	354°, 73%, 90%
HSV	354°, 15%, 97%
XYZ	73.8956, 70.9047, 73.4096
YIQ	221.8180, 21.3640, 9.3000

# Conversions

## Conversions Part 2

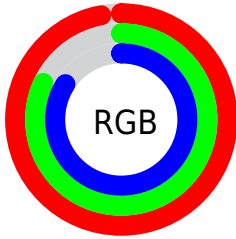
Format	Color
R <sub>Y</sub> B	248, 210, 214
Decimal	16306902
CIE Lab	87.44, 13.90, 2.97
CIE LCh	87, 14.216, 12.060
Yxy	70.9047, 0.3386, 0.3249
Android (android.graphics.Color)	4294496982 (0xFFFF8D2D6)
YUV	221.8180, -3.8543, 22.9616
Hunter-Lab	84.2049, 9.2874, 7.2546

# Details

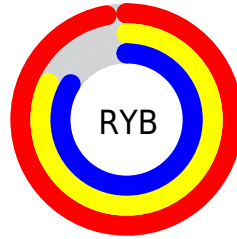
The XYZ color **73.8956, 70.9047, 73.4096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4777, 87.3699, 98.4255**, and the grayscale version is **69.3202, 72.9302, 79.4210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4652, 37.0223, 37.8669** is the 20% darker color. If you saturate the color by 10%, you get **65.5971, 58.5381, 57.6001**, and if you desaturate by 10%, it is **83.5330, 85.3297, 91.5721**.

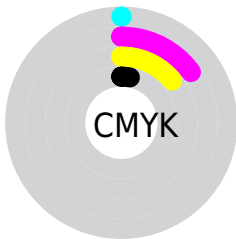
# Distribution



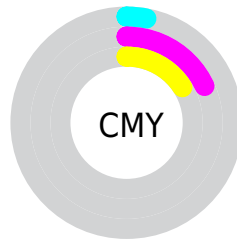
- Red (97%)
- Green (82%)
- Blue (84%)



- Red (97%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8956, 70.9047, 73.4096 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 73.8956, 70.9047, 73.4096 by changing the saturation by 10% instead.




 73.8956, 70.9047,  
73.4096

 73.8956, 70.9047,  
73.4096


463.1688,  
463.7202, 491.5420

 54.9996, 52.2644,  
53.8171

123.7441,  
120.4980, 125.7848

 39.6352, 37.2159,  
38.0633

155.4273,  
152.2199, 159.4046

 27.4372, 25.3747,  
25.7296


192.1036,  
189.0710, 198.5372

 18.0401, 16.3564,  
16.3975

234.1383,  
231.4359, 243.6013

 11.0787, 9.7767,  
9.6485

281.8968,  
279.6988, 295.0152

 6.1874, 5.2512,  
5.0640

335.7445,

 3.0011, 2.3954,

334.2443, 353.1976

2.2255

396.0468,  
395.4566, 418.5670

■ 1.1544, 0.8235,  
0.6890

■ 0.0699, 0.0000,  
0.0000

■ 73.8956, 70.9047,  
73.4096

■ 73.8956, 70.9047,  
73.4096

■ 65.5971, 58.5381,  
57.6001

■ 83.5330, 85.3297,  
91.5721

■ 58.5725, 48.1270,  
44.0430

■ 92.5217, 98.6966,  
108.7817

■ 52.7603, 39.5740,  
32.6368

■ 48.0915, 32.7698,  
23.2707

■ 44.4902, 27.5932,  
15.8238

■ 41.8710, 23.9079,  
10.1627

■ 40.1355, 21.5553,  
6.1363

■ 39.1640, 20.3403,  
3.5684

■ 38.8991, 20.0316,  
2.7982

# Harmonies

## Analogous

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



73.7138, 70.9047, 83.0306



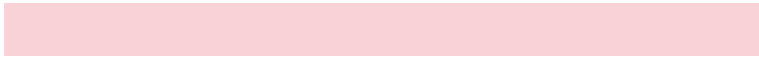
73.8956, 70.9047, 73.4096



72.2931, 70.9047, 65.4838

# Triad

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



73.8956, 70.9047, 73.4096



63.1658, 70.9047, 64.2912



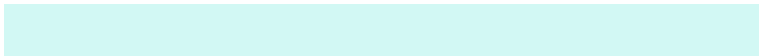
65.4266, 70.9047, 96.1335

# Complementary

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



73.8956, 70.9047, 73.4096



76.4777, 87.3699, 98.4255

# 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.



62.7191, 70.9047, 90.2434



73.8956, 70.9047, 73.4096



61.4439, 70.9047, 71.6549

# Square

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



73.8956, 70.9047, 73.4096



66.0548, 70.9047, 60.5193



61.2831, 70.9047, 81.1252



68.7487, 70.9047, 96.7019



# Rectangle

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



73.8956, 70.9047, 73.4096



70.4586, 70.9047, 62.0145



61.2831, 70.9047, 81.1252



64.4172, 70.9047, 94.6890

# Sweetspot

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



73.8976, 70.9079, 73.4111



89.3336, 91.4200, 98.2000



77.1500, 72.0294, 98.6445



18.9555, 19.3194, 20.7082



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

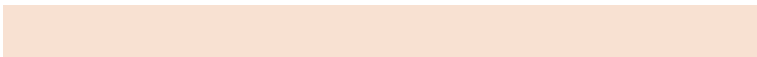
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8976, 70.9079, 73.4111



76.1933, 71.7613, 73.4048



77.1546, 78.2287, 72.0098



17.3188, 17.2549, 18.2685



21.0368, 10.8304, 1.6363



1.9721, 1.0126, 0.2763



# Inverse Universe

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



73.8976, 70.9079, 73.4111



76.1933, 71.7613, 73.4048



72.7860, 79.0050, 100.2209



17.3188, 17.2549, 18.2685



21.0368, 10.8304, 1.6363

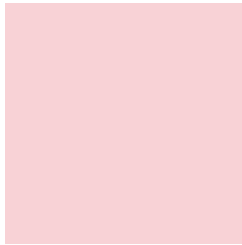


1.9721, 1.0126, 0.2763



# Previews

## White Background



This preview shows how the XYZ color 73.8956, 70.9047, 73.4096 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

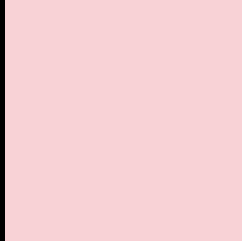
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.8956, 70.9047, 73.4096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

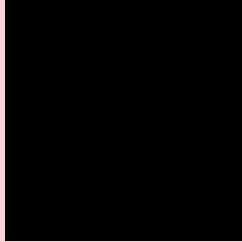
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.8956, 70.9047, 73.4096**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.8956, 70.9047, 73.4096.



This preview shows how white text looks on a background with the XYZ color 73.8956, 70.9047,



# 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

73.8956, 70.9047, 73.4096

### Protanopia

68.2890, 70.9453, 77.1124

### Deuteranopia

72.6432, 70.9967, 73.4933



## Tritanopia

75.2134, 70.6877, 80.9141

# Trichromacy



## Original Color

73.8956, 70.9047, 73.4096

## Protanomaly

70.1035, 70.7664, 75.6101

## Deuteranomaly

73.0881, 70.8560, 73.4428

## Tritanomaly

74.9185, 70.9611, 78.1548

# Monochromacy



## Original Color

73.8956, 70.9047, 73.4096

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.8126, 72.2462, 77.2305

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.8956, 70.9047, 73.4096 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, 210, 214) looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 214)  
}
```

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, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 73.8956, 70.9047, 73.4096 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, 210, 214) }
```



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

```
.border{ border-color:rgb(248, 210, 214) }
```

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

Here you see how a box with a 4 pixel rgb(248, 210, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 210,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.8956, 70.9047, 73.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 214) }
```

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

```
.background{ background-color: rgb(248,  
210, 214) }
```

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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