

# Converting Colors

XYZ(74.4315, 72.8990, 77.2733)

Have a look what the booklet for  
XYZ(74.4315, 72.8990, 77.2733)  
contains.

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# Color

**XYZ(74.3948, 72.9484,  
77.1773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D7DB
RGB	244, 215, 219
RGB Percent	96%, 84%, 86%
CMY	0.0431, 0.1568, 0.1412
CMYK	0.00, 0.12, 0.10, 0.04
HSL	352°, 57%, 90%
HSV	352°, 12%, 96%
XYZ	74.3948, 72.9484, 77.1773
YIQ	224.1270, 16.0000, 7.3920

# Conversions

## Conversions Part 2

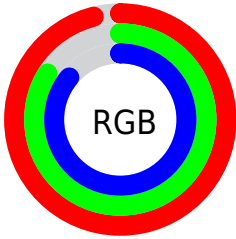
Format	Color
<a href="#">RYB</a>	<a href="#">244, 215, 219</a>
Decimal	<a href="#">16046043</a>
CIELab	<a href="#">88.42, 10.69, 1.72</a>
CIELCh	<a href="#">88, 10.829, 9.124</a>
Yxy	<a href="#">72.9484, 0.3313, 0.3249</a>
Android (android.graphics.Color)	<a href="#">4294236123</a> ( <a href="#">0xFFFF4D7DB</a> )
YUV	<a href="#">224.1270, -2.5276, 17.4286</a>
Hunter-Lab	<a href="#">85.4098, 6.0122, 6.2118</a>

# Details

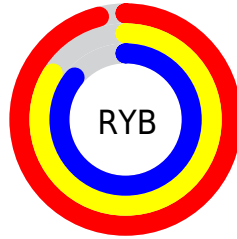
The XYZ color **74.3948, 72.9484, 77.1773** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1059, 85.4415, 94.9227**, and the grayscale version is **70.9535, 74.6486, 81.2923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0107, 38.5133, 40.4470** is the 20% darker color. If you saturate the color by 10%, you get **66.0424, 60.3987, 61.5816**, and if you desaturate by 10%, it is **84.0280, 87.4978, 94.9285**.

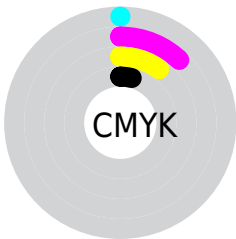
# Distribution



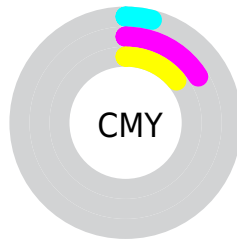
- Red (96%)
- Green (84%)
- Blue (86%)



- Red (96%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3948, 72.9484, 77.1773 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 74.3948, 72.9484, 77.1773 by changing the saturation by 10% instead.




 74.3948, 72.9484,  
77.1773

 74.3948, 72.9484,  
77.1773


464.8641,  
470.8360, 504.8220

 55.4097, 53.9338,  
56.8860


124.4478,  
123.4040, 131.1650

 39.9649, 38.5487,  
40.5049


156.2464,  
155.6137, 165.6985

 27.6953, 26.4088,  
27.6157


193.0468,  
192.9905, 205.8164

 18.2354, 17.1297,  
17.7996

235.2144,  
235.9190, 251.9374

 11.2198, 10.3270,  
10.6383

283.1146,  
284.7833, 304.4799

 6.2833, 5.6163,  
5.7131

337.1127,

 3.0604, 2.6132,

339.9680, 363.8625

2.6055

397.5741,  
401.8574, 430.5037

■ 1.1858, 0.9333,  
0.8953

■ 0.0951, 0.0000,  
0.0000

■ 74.3948, 72.9484,  
77.1773

■ 74.3948, 72.9484,  
77.1773

■ 66.0424, 60.3987,  
61.5816

■ 84.0280, 87.4978,  
94.9285

■ 58.9107, 49.7519,  
48.0547

■ 91.1186, 97.9733,  
108.7160

■ 52.9440, 40.9180,  
36.5107

■ 48.0799, 33.7956,  
26.8560

■ 44.2500, 28.2736,  
18.9892

■ 41.3784, 24.2275,  
12.7996

■ 39.3781, 21.5144,  
8.1636

■ 38.1463, 19.9631,  
4.9403

■ 37.5919, 19.3466,  
3.2382

# Harmonies

## Analogous

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



74.1172, 72.9484, 84.6461



74.3948, 72.9484, 77.1773



73.2906, 72.9484, 70.7234

# Triad

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



74.3948, 72.9484, 77.1773



66.2251, 72.9484, 68.8202



67.5671, 72.9484, 93.5869

# Complementary

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



74.3948, 72.9484, 77.1773



76.1059, 85.4415, 94.9227

# 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.



65.5248, 72.9484, 88.8199



74.3948, 72.9484, 77.1773



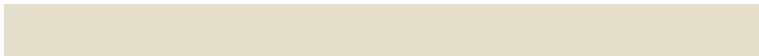
64.7636, 72.9484, 74.4297

# Square

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



74.3948, 72.9484, 77.1773



68.5447, 72.9484, 66.1009



64.5105, 72.9484, 81.7229



70.1319, 72.9484, 94.4368



# Rectangle

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



74.3948, 72.9484, 77.1773



71.9354, 72.9484, 67.7511



64.5105, 72.9484, 81.7229



66.7986, 72.9484, 92.3758

# Sweetspot

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



74.3968, 72.9516, 77.1789



90.4981, 93.1103, 100.5567



76.4482, 73.5999, 95.7656



19.1927, 19.6609, 21.1969



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.



74.3968, 72.9516, 77.1789



80.1342, 77.4735, 81.4077



76.5419, 78.0736, 75.3294



16.5921, 16.5197, 17.5987



20.4688, 10.5309, 1.9109



1.8272, 0.9369, 0.3166

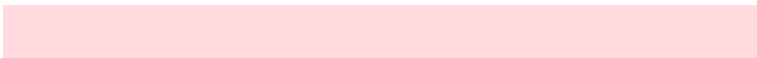


# Inverse Universe

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



74.3968, 72.9516, 77.1789



80.1342, 77.4735, 81.4077



73.7362, 79.7414, 97.0940



16.5921, 16.5197, 17.5987



20.4688, 10.5309, 1.9109

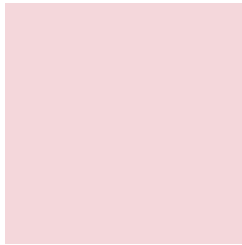


1.8272, 0.9369, 0.3166



# Previews

## White Background



This preview shows how the XYZ color 74.3948, 72.9484, 77.1773 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

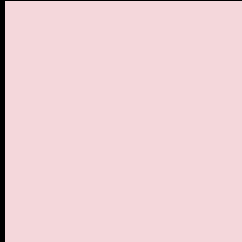
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3948, 72.9484, 77.1773 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

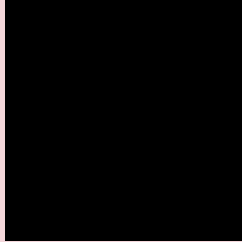
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.3948, 72.9484, 77.1773**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3948, 72.9484, 77.1773.



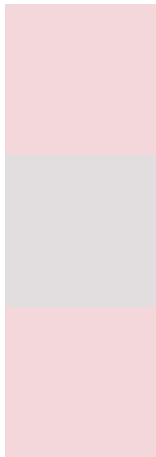
This preview shows how white text looks on a background with the XYZ color 74.3948, 72.9484,



# 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

74.3948, 72.9484, 77.1773

### Protanopia

70.4053, 73.1556, 79.5169

### Deuteranopia

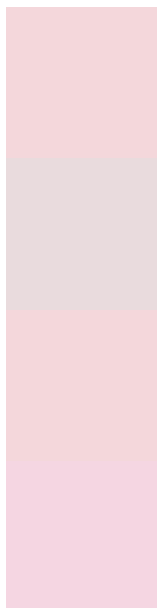
74.3948, 72.9484, 77.1773



## Tritanopia

75.7334, 72.7141, 84.9066

# Trichromacy



## Original Color

74.3948, 72.9484, 77.1773

## Protanomaly

71.9869, 73.2071, 78.7429

## Deuteranomaly

74.3948, 72.9484, 77.1773

## Tritanomaly

75.4302, 72.9966, 82.0657

# Monochromacy



## Original Color

74.3948, 72.9484, 77.1773

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

71.9963, 73.9758, 79.5914

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3948, 72.9484, 77.1773 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(244, 215, 219) looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 219)  
}
```

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(244, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3948, 72.9484, 77.1773 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(244, 215, 219) }
```



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

```
.border{ border-color:rgb(244, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3948, 72.9484, 77.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 219) }
```

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

```
.background{ background-color: rgb(244,  
215, 219) }
```

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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