

# Converting Colors

XYZ(74.2886, 73.0285, 76.8016)

Have a look what the booklet for  
XYZ(74.2886, 73.0285, 76.8016)  
contains.

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# Color

**XYZ(74.2636, 72.8959,  
76.4859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D7DA
RGB	244, 215, 218
RGB Percent	96%, 84%, 85%
CMY	0.0431, 0.1568, 0.1451
CMYK	0.00, 0.12, 0.11, 0.04
HSL	354°, 57%, 90%
HSV	354°, 12%, 96%
XYZ	74.2636, 72.8959, 76.4859
YIQ	224.0130, 16.3210, 7.0810

# Conversions

## Conversions Part 2

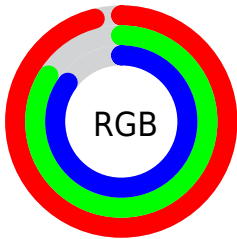
Format	Color
<a href="#">RYB</a>	<a href="#">244, 215, 218</a>
Decimal	<a href="#">16046042</a>
CIELab	<a href="#">88.40, 10.53, 2.21</a>
CIElCh	<a href="#">88, 10.758, 11.844</a>
Yxy	<a href="#">72.8959, 0.3321, 0.3259</a>
Android (android.graphics.Color)	<a href="#">4294236122</a> ( <a href="#">0xFFF4D7DA</a> )
YUV	<a href="#">224.0130, -2.9644, 17.5286</a>
Hunter-Lab	<a href="#">85.3791, 5.8477, 6.6511</a>

# Details

The XYZ color **74.2636, 72.8959, 76.4859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2551, 85.5013, 95.7076**, and the grayscale version is **70.8749, 74.5659, 81.2023**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9207, 38.4773, 39.9731** is the 20% darker color. If you saturate the color by 10%, you get **65.8313, 60.3142, 60.4698**, and if you desaturate by 10%, it is **84.0046, 87.4884, 94.8046**.

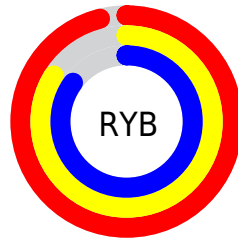
# Distribution



Red (96%)

Green (84%)

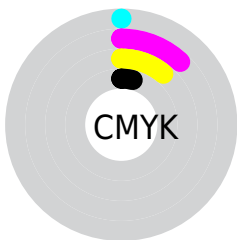
Blue (85%)



Red (96%)

Yellow (84%)

Blue (85%)

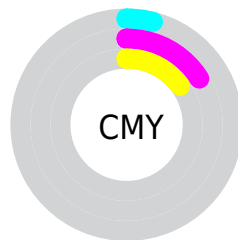


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (16%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2636, 72.8959, 76.4859 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 74.2636, 72.8959, 76.4859 by changing the saturation by 10% instead.




 74.2636, 72.8959,  
76.4859

 74.2636, 72.8959,  
76.4859

464.4189,  
470.6539, 502.4004

 55.3019, 53.8908,  
56.3220


124.2629,  
123.3294, 130.1799

 39.8782, 38.5144,  
40.0554

156.0312,  
155.5267, 164.5471

 27.6274, 26.3822,  
27.2676


192.7990,  
192.8901, 204.4857

 18.1840, 17.1098,  
17.5401

234.9317,  
235.8041, 250.4144

 11.1827, 10.3128,  
10.4543

282.7947,  
284.6531, 302.7517

 6.2580, 5.6068,  
5.5917

336.7534,

 3.0448, 2.6075,

339.8215, 361.9161

2.5337

397.1730,  
401.6936, 428.3262

■ 1.1775, 0.9304,  
0.8579

■ 0.0885, 0.0000,  
0.0000

■ 74.2636, 72.8959,  
76.4859

■ 74.2636, 72.8959,  
76.4859

■ 65.8313, 60.3142,  
60.4698

■ 84.0046, 87.4884,  
94.8046

■ 58.6460, 49.6460,  
46.6606

■ 91.1187, 97.9733,  
108.7160

■ 52.6501, 40.8004,  
34.9628

■ 47.7792, 33.6753,  
25.2720

■ 43.9626, 28.1586,  
17.4752

■ 41.1217, 24.1248,  
11.4477

■ 39.1667, 21.4299,  
7.0501

■ 37.9909, 19.9010,  
4.1215

■ 37.4864, 19.3044,  
2.6820

# Harmonies

## Analogous

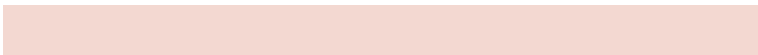
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1154, 72.8959, 83.8891



74.2636, 72.8959, 76.4859



73.0537, 72.8959, 70.2507

# Triad

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



74.2636, 72.8959, 76.4859



66.0229, 72.8959, 69.2341



67.7484, 72.8959, 93.6770

# Complementary

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



74.2636, 72.8959, 76.4859



76.2551, 85.5013, 95.7076

# 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.



65.6489, 72.8959, 89.2489



74.2636, 72.8959, 76.4859



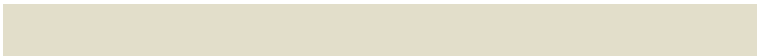
64.6699, 72.8959, 75.0186

# Square

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



74.2636, 72.8959, 76.4859



68.2704, 72.8959, 66.2413



64.5347, 72.8959, 82.3283



70.3103, 72.8959, 94.1308



# Rectangle

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



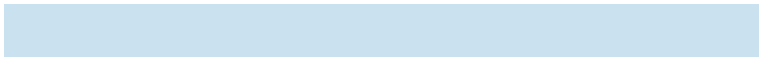
74.2636, 72.8959, 76.4859



71.6568, 72.8959, 67.4731



64.5347, 72.8959, 82.3283



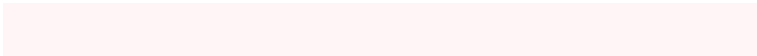
66.9668, 72.8959, 92.5918

# Sweetspot

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



74.2656, 72.8991, 76.4875



90.4441, 93.0887, 100.2722



76.7767, 73.7692, 95.7813



19.1791, 19.6554, 21.1252



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

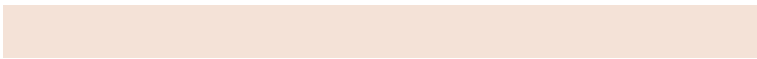
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2656, 72.8991, 76.4875



79.9676, 77.4068, 80.5302



76.8043, 78.5983, 75.4168



16.5687, 16.5103, 17.4754



20.4057, 10.5057, 1.5789



1.8162, 0.9324, 0.2583



# Inverse Universe

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



74.2656, 72.8991, 76.4875



79.9676, 77.4068, 80.5302



73.4621, 79.1931, 97.0029



16.5687, 16.5103, 17.4754



20.4057, 10.5057, 1.5789

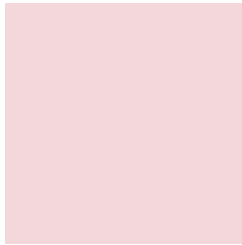


1.8162, 0.9324, 0.2583



# Previews

## White Background



This preview shows how the XYZ color 74.2636, 72.8959, 76.4859 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

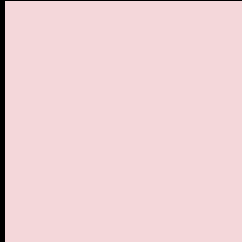
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.2636, 72.8959, 76.4859 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

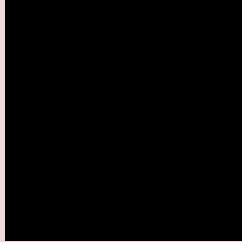
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.2636, 72.8959, 76.4859**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.2636, 72.8959, 76.4859.



This preview shows how white text looks on a background with the XYZ color 74.2636, 72.8959,



# 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

74.2636, 72.8959, 76.4859

### Protanopia

70.2716, 73.1021, 78.8130

### Deuteranopia

74.6115, 73.0753, 76.5022



## Tritanopia

76.0832, 72.8945, 84.9229

# Trichromacy



## Original Color

74.2636, 72.8959, 76.4859

## Protanomaly

71.8541, 73.1540, 78.0432

## Deuteranomaly

74.6115, 73.0753, 76.5022

## Tritanomaly

75.4302, 72.9966, 82.0657

# Monochromacy



## Original Color

74.2636, 72.8959, 76.4859

## 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 74.2636, 72.8959, 76.4859 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 74.2636, 72.8959, 76.4859 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, 218) }
```



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

```
.border{ border-color:rgb(244, 215, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.2636, 72.8959, 76.4859 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, 218) }
```

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

```
.background{ background-color: rgb(244,  
215, 218) }
```

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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