

# Converting Colors

XYZ(74.0418, 73.4543, 76.2628)

Have a look what the booklet for  
XYZ(74.0418, 73.4543, 76.2628)  
contains.

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# Color

**XYZ(74.0857, 73.5649,  
76.6244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D9DA
RGB	242, 217, 218
RGB Percent	95%, 85%, 85%
CMY	0.0510, 0.1490, 0.1451
CMYK	0.00, 0.10, 0.10, 0.05
HSL	358°, 49%, 90%
HSV	358°, 10%, 95%
XYZ	74.0857, 73.5649, 76.6244
YIQ	224.5890, 14.5790, 5.6110

# Conversions

## Conversions Part 2

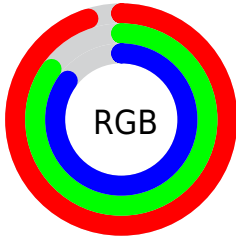
Format	Color
R <sub>Y</sub> B	242, 217, 218
Decimal	15915482
CIE Lab	88.72, 8.79, 2.65
CIE LCh	89, 9.180, 16.778
Yxy	73.5649, 0.3303, 0.3280
Android (android.graphics.Color)	4294105562 (0xFFFF2D9DA)
YUV	224.5890, -3.2484, 15.2694
Hunter-Lab	85.7700, 4.0858, 7.0710

# Details

The XYZ color **74.0857, 73.5649, 76.6244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2474, 84.6087, 95.5357**, and the grayscale version is **71.2900, 75.0026, 81.6779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7809, 38.9241, 40.0668** is the 20% darker color. If you saturate the color by 10%, you get **65.4692, 60.8610, 59.7877**, and if you desaturate by 10%, it is **84.0473, 88.2751, 96.0143**.

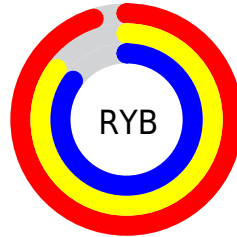
# Distribution



Red (95%)

Green (85%)

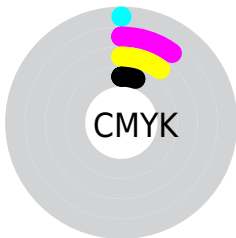
Blue (85%)



Red (95%)

Yellow (85%)

Blue (85%)

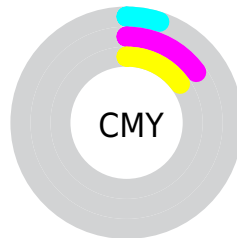


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0857, 73.5649, 76.6244 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 74.0857, 73.5649, 76.6244 by changing the saturation by 10% instead.



74.0857, 73.5649,  
76.6244

74.0857, 73.5649,  
76.6244

463.8148,  
472.9703, 502.8861

55.1557, 54.4380,  
56.4349

124.0121,  
124.2788, 130.3773

39.7607, 38.9519,  
40.1454

155.7393,  
156.6346, 164.7778

27.5354, 26.7223,  
27.3373

192.4629,  
194.1689, 204.7525

18.1144, 17.3648,  
17.5920

234.5483,  
237.2660, 250.7197

11.1323, 10.4949,  
10.4911

282.3608,  
286.3102, 303.0982

6.2239, 5.7283,  
5.6159

336.2658,

3.0236, 2.6806,

341.6861, 362.3064

2.5480

396.6287,  
403.7780, 428.7628

■ 1.1663, 0.9674,  
0.8654

■ 0.0795, 0.0000,  
0.0000

■ 74.0857, 73.5649,  
76.6244

■ 74.0857, 73.5649,  
76.6244

■ 65.4692, 60.8610,  
59.7877

■ 84.0473, 88.2751,  
96.0143

■ 58.1343, 50.0673,  
45.3932

■ 90.4283, 97.6174,  
108.6837

■ 52.0217, 41.0944,  
33.3292

■ 47.0649, 33.8420,  
23.4729

■ 43.1911, 28.1999,  
15.6908

■ 40.3194, 24.0455,  
9.8345

■ 38.3572, 21.2384,  
5.7363

■ 37.1951, 19.6113,  
3.1996

■ 36.6711, 18.8986,  
1.9919

# Harmonies

## Analogous

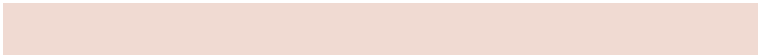
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1569, 73.5649, 82.9268



74.0857, 73.5649, 76.6244



72.8836, 73.5649, 71.5224

# Triad

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



74.0857, 73.5649, 76.6244



66.8584, 73.5649, 72.0207



68.9500, 73.5649, 92.5918

# Complementary

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



74.0857, 73.5649, 76.6244



76.2474, 84.6087, 95.5357

# 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.



67.0402, 73.5649, 89.3366



74.0857, 73.5649, 76.6244



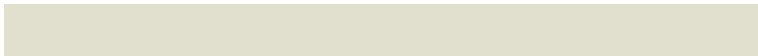
65.8500, 73.5649, 77.3376

# Square

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



74.0857, 73.5649, 76.6244



68.6970, 73.5649, 68.9624



65.9158, 73.5649, 83.6785



71.1599, 73.5649, 92.3758



# Rectangle

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



74.0857, 73.5649, 76.6244



71.6168, 73.5649, 69.3883



65.9158, 73.5649, 83.6785



68.2526, 73.5649, 91.8602

# Sweetspot

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



74.0878, 73.5681, 76.6260



91.4977, 94.7517, 101.9928



77.0323, 74.6966, 94.3631



19.3862, 19.9882, 21.4453



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.



74.0878, 73.5681, 76.6260



81.6785, 80.2567, 82.8639



76.9567, 79.5140, 76.9412



15.7983, 15.7690, 16.4942



19.7115, 10.1570, 1.1316



1.6487, 0.8485, 0.1411

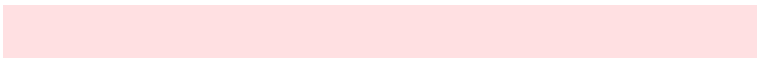


# Inverse Universe

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



74.0878, 73.5681, 76.6260



81.6785, 80.2567, 82.8639



73.1510, 78.1772, 95.2395



15.7983, 15.7690, 16.4942



19.7115, 10.1570, 1.1316

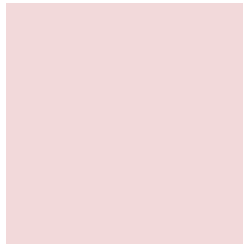


1.6487, 0.8485, 0.1411



# Previews

## White Background



This preview shows how the XYZ color 74.0857, 73.5649, 76.6244 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

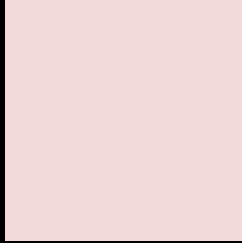
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0857, 73.5649, 76.6244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

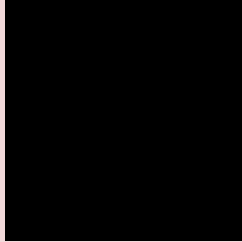
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.0857, 73.5649, 76.6244

## Background



This preview shows how black text looks on a background with the XYZ color 74.0857, 73.5649, 76.6244.



This preview shows how white text looks on a background with the XYZ color 74.0857, 73.5649,

76.6244.

# 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

74.0857, 73.5649, 76.6244

### Protanopia

70.8510, 73.7939, 78.9160

### Deuteranopia

75.2168, 73.7665, 76.6037



## Tritanopia

76.1742, 73.6602, 86.5470

# Trichromacy



## Original Color

74.0857, 73.5649, 76.6244

## Protanomaly

71.7902, 73.5095, 78.1152

## Deuteranomaly

74.8669, 73.5862, 76.5873

## Tritanomaly

75.3831, 73.7125, 82.9279

# Monochromacy



## Original Color

74.0857, 73.5649, 76.6244

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.2611, 74.5054, 79.6797

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0857, 73.5649, 76.6244 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(242, 217, 218) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0857, 73.5649, 76.6244 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(242, 217, 218) }
```



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

```
.border{ border-color:rgb(242, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0857, 73.5649, 76.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 218) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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