

# Converting Colors

XYZ(75.0211, 74.1334, 86.3230)

Have a look what the booklet for  
XYZ(75.0211, 74.1334, 86.3230)  
contains.

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# Color

**XYZ(75.0918, 74.2631,  
85.9777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">EFDAE7</a>
RGB	<a href="#">239, 218, 231</a>
RGB Percent	<a href="#">94%, 85%, 91%</a>
CMY	<a href="#">0.0627, 0.1451, 0.0941</a>
CMYK	<a href="#">0.00, 0.09, 0.03, 0.06</a>
HSL	<a href="#">323°, 40%, 90%</a>
HSV	<a href="#">323°, 9%, 94%</a>
XYZ	<a href="#">75.0918, 74.2631, 85.9777</a>
YIQ	<a href="#">225.7610, 8.3430, 8.4950</a>

# Conversions

## Conversions Part 2

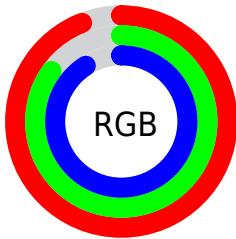
Format	Color
R <sub>Y</sub> B	239, 218, 231
Decimal	15719143
CIE Lab	89.05, 9.44, -3.74
CIE LCh	89, 10.154, 338.368
Yxy	74.2631, 0.3191, 0.3156
Android (android.graphics.Color)	4293909223 (0xFFEFDAE7)
YUV	225.7610, 2.5828, 11.6106
Hunter-Lab	86.1760, 4.7327, 1.1697

# Details

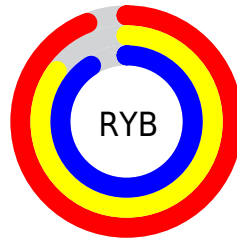
The XYZ color **75.0918, 74.2631, 85.9777** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5103, 82.1314, 83.9341**, and the grayscale version is **72.0957, 75.8503, 82.6009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3635, 39.3568, 46.0267** is the 20% darker color. If you saturate the color by 10%, you get **68.0831, 62.2498, 77.4604**, and if you desaturate by 10%, it is **83.0654, 88.0969, 95.1486**.

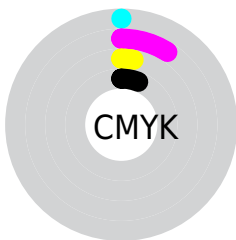
# Distribution



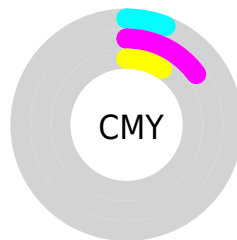
- Red (94%)
- Green (85%)
- Blue (91%)



- Red (94%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (6%)




- Cyan (6%)
- Magenta (15%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0918, 74.2631, 85.9777 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 75.0918, 74.2631, 85.9777 by changing the saturation by 10% instead.




 75.0918, 74.2631,  
85.9777

 75.0918, 74.2631,  
85.9777


467.2254,  
475.3809, 535.0864

 55.9825, 55.0094,  
64.0947


125.4295,  
125.2687, 143.6246

 40.4259, 39.4093,  
46.2807


157.3887,  
157.7894, 180.2257

 28.0564, 27.0782,  
32.1172


194.3619,  
195.5012, 222.5699

 18.5089, 17.6320,  
21.1854

236.7144,  
238.7885, 271.0757

 11.4178, 10.6861,  
13.0671

284.8117,  
288.0358, 326.1617

 6.4180, 5.8562,  
7.3435

339.0190,

 3.1439, 2.7578,

343.6273, 388.2465

3.5961

399.7018,  
405.9476, 457.7485

■ 1.2303, 1.0066,  
1.4065

■ 0.1301, 0.0000,  
0.1468

■ 75.0918, 74.2631,  
85.9777

■ 75.0918, 74.2631,  
85.9777

■ 68.0831, 62.2498,  
77.4604

■ 83.0654, 88.0969,  
95.1486

■ 61.9937, 51.9708,  
69.5739

■ 88.4894, 96.7239,  
103.8038

■ 56.7840, 43.3474,  
62.3007

■ 89.4070, 97.0909,  
108.6359

■ 52.4088, 36.2907,  
55.6207

■ 48.8186, 30.7037,  
49.5120

■ 45.9587, 26.4786,  
43.9508

■ 43.7667, 23.4924,  
38.9107

■ 42.1689, 21.5996,  
34.3614

■ 41.0567, 20.5853,  
30.2607

# Harmonies

## Analogous

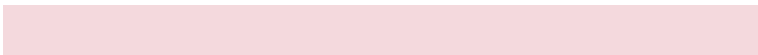
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5737, 74.2631, 91.9984



75.0918, 74.2631, 85.9777



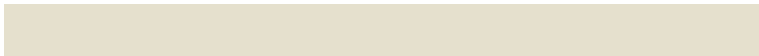
75.3880, 74.2631, 78.8967

# Triad

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



75.0918, 74.2631, 85.9777



69.8960, 74.2631, 68.1372



66.9268, 74.2631, 89.5988

# Complementary

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



75.0918, 74.2631, 85.9777



73.5103, 82.1314, 83.9341

# Split Complementary

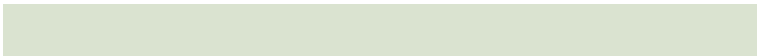
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9901, 74.2631, 82.8554



75.0918, 74.2631, 85.9777



67.6781, 74.2631, 70.6588

# Square

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



75.0918, 74.2631, 85.9777



72.3499, 74.2631, 68.8651



66.2619, 74.2631, 75.9493



68.8487, 74.2631, 94.1724

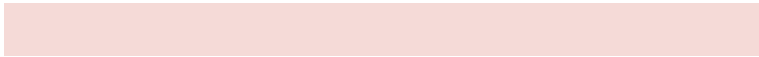


# Rectangle

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



75.0918, 74.2631, 85.9777



74.8463, 74.2631, 74.5686



66.2619, 74.2631, 75.9493



66.4883, 74.2631, 87.4954

# Sweetspot

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



75.0939, 74.2663, 85.9793



92.1921, 95.0295, 105.6497



71.9244, 72.4988, 91.8652



19.5732, 20.0630, 22.4300



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

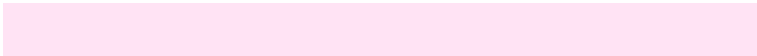


# Same Dimension

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



75.0939, 74.2663, 85.9793



85.0720, 82.7215, 97.3197



73.6951, 73.7068, 78.6133



16.1841, 15.9234, 18.5258



22.6885, 11.3478, 16.8079



1.9358, 0.9634, 1.6527



# Inverse Universe

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



75.0939, 74.2663, 85.9793



85.0720, 82.7215, 97.3197



74.9517, 82.7079, 91.5246



16.1841, 15.9234, 18.5258



22.6885, 11.3478, 16.8079

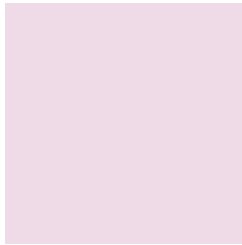


1.9358, 0.9634, 1.6527



# Previews

## White Background



This preview shows how the XYZ color 75.0918, 74.2631, 85.9777 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

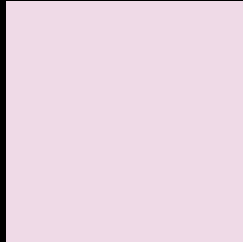
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.0918, 74.2631, 85.9777 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

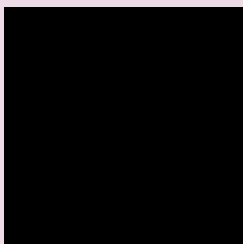
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.0918, 74.2631, 85.9777**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.0918, 74.2631, 85.9777.



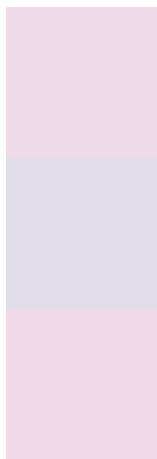
This preview shows how white text looks on a background with the XYZ color 75.0918, 74.2631,

85.9777.

# 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

75.0918, 74.2631, 85.9777

### Protanopia

72.0239, 74.1906, 88.3661

### Deuteranopia

75.8546, 74.2725, 85.9394



## Tritanopia

75.7434, 74.1491, 88.9174

# Trichromacy



## Original Color

75.0918, 74.2631, 85.9777

## Protanomaly

73.1976, 74.4191, 87.5972

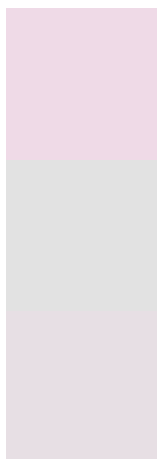
## Deuteranomaly

75.5123, 74.0960, 85.9233

## Tritanomaly

75.5993, 74.0915, 88.1585

# Monochromacy



## Original Color

75.0918, 74.2631, 85.9777

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.3463, 75.3657, 84.0801

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0918, 74.2631, 85.9777 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(239, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 218, 231)  
}
```

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(239, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 218, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0918, 74.2631, 85.9777 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(239, 218, 231) }
```



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

```
.border{ border-color:rgb(239, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 218,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0918, 74.2631, 85.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 218, 231) }
```

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

```
.background{ background-color: rgb(239,  
218, 231) }
```

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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