

# Converting Colors

XYZ(74.8790, 74.1853, 81.1908)

Have a look what the booklet for  
XYZ(74.8790, 74.1853, 81.1908)  
contains.

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# Color

**XYZ(74.8016, 74.2254,  
80.9055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DAE0
RGB	241, 218, 224
RGB Percent	95%, 85%, 88%
CMY	0.0549, 0.1451, 0.1216
CMYK	0.00, 0.10, 0.07, 0.05
HSL	344°, 45%, 90%
HSV	344°, 10%, 95%
XYZ	74.8016, 74.2254, 80.9055
YIQ	225.5610, 11.7820, 6.7420

# Conversions

## Conversions Part 2

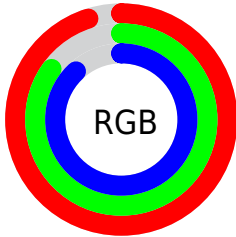
Format	Color
RYB	241, 218, 224
Decimal	15850208
CIELab	89.03, 8.92, -0.06
CIELCh	89, 8.920, 359.584
Yxy	74.2254, 0.3253, 0.3228
Android (android.graphics.Color)	4294040288 (0xFFFF1DAE0)
YUV	225.5610, -0.7696, 13.5400
Hunter-Lab	86.1542, 4.2092, 4.6300

# Details

The XYZ color **74.8016, 74.2254, 80.9055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3670, 83.8161, 90.8072**, and the grayscale version is **71.9730, 75.7212, 82.4604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2662, 39.3732, 43.0137** is the 20% darker color. If you saturate the color by 10%, you get **66.7099, 61.7078, 66.9054**, and if you desaturate by 10%, it is **84.0594, 88.6681, 96.5453**.

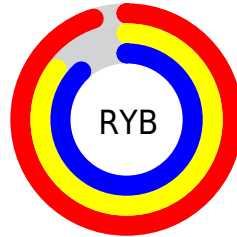
# Distribution



Red (95%)

Green (85%)

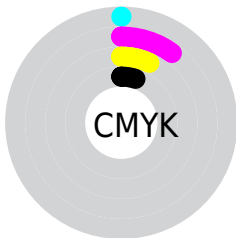
Blue (88%)



Red (95%)

Yellow (85%)

Blue (88%)

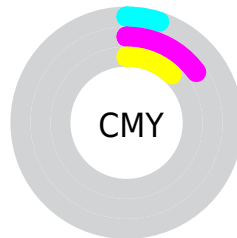


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (5%)



Cyan (5%)

Magenta (15%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8016, 74.2254, 80.9055 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 74.8016, 74.2254, 80.9055 by changing the saturation by 10% instead.




 74.8016, 74.2254,  
80.9055

 74.8016, 74.2254,  
80.9055


466.2431,  
475.2509, 517.7662

 55.7440, 54.9785,  
59.9332


125.0209,  
125.2153, 136.4609

 40.2339, 39.3845,  
42.9399


156.9133,  
157.7271, 171.8812

 27.9060, 27.0590,  
29.5069


193.8146,  
195.4293, 212.9545

 18.3949, 17.6175,  
19.2157

236.0902,  
238.7064, 260.0995

 11.3353, 10.6758,  
11.6479

284.1055,  
287.9427, 313.7346

 6.3618, 5.8493,  
6.3848

338.2259,

 3.1090, 2.7536,

343.5226, 374.2784

3.0079

398.8166,  
405.8306, 442.1494

■ 1.2117, 1.0045,  
1.0987

■ 0.1156, 0.0000,  
0.0000

■ 74.8016, 74.2254,  
80.9055

■ 74.8016, 74.2254,  
80.9055

■ 66.7099, 61.7078,  
66.9054

■ 84.0594, 88.6681,  
96.5453

■ 59.7313, 51.0243,  
54.4863

■ 90.0861, 97.4410,  
108.6677

■ 53.8177, 42.0913,  
43.5928

■ 48.9152, 34.8145,  
34.1647

■ 44.9651, 29.0910,  
26.1374

■ 41.9023, 24.8063,  
19.4413

■ 39.6531, 21.8296,  
14.0002

■ 38.1310, 20.0062,  
9.7294

■ 37.2037, 19.0912,  
6.5233

# Harmonies

## Analogous

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



74.2066, 74.2254, 87.0170



74.8016, 74.2254, 80.9055



74.2379, 74.2254, 75.0650

# Triad

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



74.8016, 74.2254, 80.9055



68.5102, 74.2254, 70.8718



68.4589, 74.2254, 91.5615

# Complementary

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



74.8016, 74.2254, 80.9055



75.3670, 83.8161, 90.8072

# Split Complementary

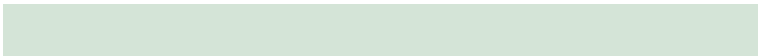
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9844, 74.2254, 86.8595



74.8016, 74.2254, 80.9055



67.0137, 74.2254, 74.9222

# Square

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



74.8016, 74.2254, 80.9055



70.5793, 74.2254, 69.4552



66.4607, 74.2254, 80.7322



70.5188, 74.2254, 93.3590



# Rectangle

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



74.8016, 74.2254, 80.9055



73.2872, 74.2254, 72.0630



66.4607, 74.2254, 80.7322



67.8799, 74.2254, 90.2567

# Sweetspot

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



74.8037, 74.2287, 80.9071



91.7606, 94.8569, 103.3775



75.1680, 74.1366, 93.5681



19.4568, 20.0164, 21.8174



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

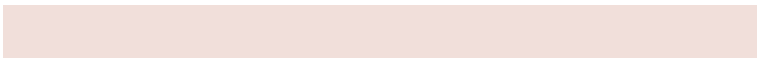
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8037, 74.2287, 80.9071



83.5846, 82.1265, 89.4873



75.4187, 76.7372, 77.1703



15.9420, 15.8265, 17.2506



20.2023, 10.3534, 3.7161



1.7201, 0.8771, 0.5168



# Inverse Universe

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



74.8037, 74.2287, 80.9071



83.5846, 82.1265, 89.4873



74.6832, 81.0386, 94.9259



15.9420, 15.8265, 17.2506



20.2023, 10.3534, 3.7161

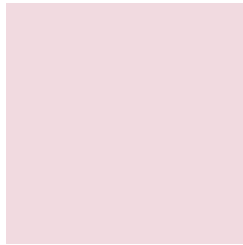


1.7201, 0.8771, 0.5168



# Previews

## White Background



This preview shows how the XYZ color 74.8016, 74.2254, 80.9055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

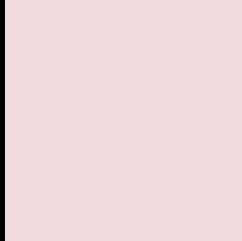
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8016, 74.2254, 80.9055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

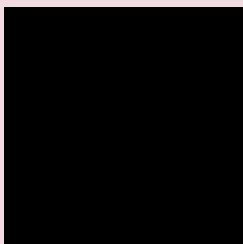
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.8016, 74.2254, 80.9055**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8016, 74.2254, 80.9055.



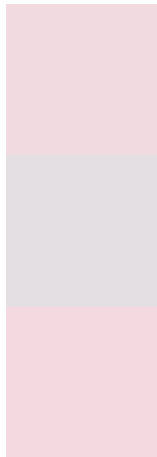
This preview shows how white text looks on a background with the XYZ color 74.8016, 74.2254,

80.9055.

# 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

74.8016, 74.2254, 80.9055

### Protanopia

71.9314, 74.6523, 83.2912

### Deuteranopia

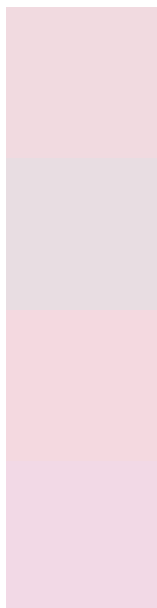
75.9236, 74.4200, 80.8839



## Tritanopia

76.1388, 74.3861, 87.4358

# Trichromacy



## Original Color

74.8016, 74.2254, 80.9055

## Protanomaly

72.8626, 74.3597, 82.4641

## Deuteranomaly

75.5756, 74.2406, 80.8676

## Tritanomaly

75.7137, 74.2161, 85.1975

# Monochromacy



## Original Color

74.8016, 74.2254, 80.9055

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.9333, 75.2005, 81.9053

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8016, 74.2254, 80.9055 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(241, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 224)  
}
```

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(241, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8016, 74.2254, 80.9055 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(241, 218, 224) }
```



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

```
.border{ border-color:rgb(241, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8016, 74.2254, 80.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 224) }
```

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

```
.background{ background-color: rgb(241,  
218, 224) }
```

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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