

# Converting Colors

XYZ(74.4108, 74.9345, 79.9507)

Have a look what the booklet for  
XYZ(74.4108, 74.9345, 79.9507)  
contains.

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# Color

**XYZ(74.3746, 74.8110,  
79.6273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFDCDE
RGB	239, 220, 222
RGB Percent	94%, 86%, 87%
CMY	0.0627, 0.1372, 0.1294
CMYK	0.00, 0.08, 0.07, 0.06
HSL	354°, 37%, 90%
HSV	354°, 8%, 94%
XYZ	74.3746, 74.8110, 79.6273
YIQ	225.9090, 10.6820, 4.6500

# Conversions

## Conversions Part 2

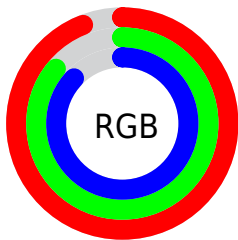
Format	Color
R <sub>Y</sub> B	239, 220, 222
Decimal	15719646
CIE Lab	89.30, 6.85, 1.37
CIE LCh	89, 6.987, 11.301
Yxy	74.8110, 0.3250, 0.3270
Android (android.graphics.Color)	4293909726 (0xFFEFDCE)
YUV	225.9090, -1.9271, 11.4808
Hunter-Lab	86.4934, 2.1267, 5.9619

# Details

The XYZ color **74.3746, 74.8110, 79.6273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6706, 83.0649, 92.1696**, and the grayscale version is **72.2328, 75.9945, 82.7581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9586, 39.7676, 42.1291** is the 20% darker color. If you saturate the color by 10%, you get **65.8579, 62.0772, 63.5309**, and if you desaturate by 10%, it is **84.1560, 89.4902, 97.9413**.

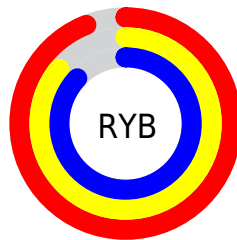
# Distribution



Red (94%)

Green (86%)

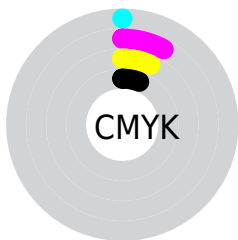
Blue (87%)



Red (94%)

Yellow (86%)

Blue (87%)

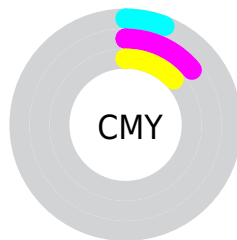


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (14%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3746, 74.8110, 79.6273 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 74.3746, 74.8110, 79.6273 by changing the saturation by 10% instead.




 74.3746, 74.8110,  
79.6273

 74.3746, 74.8110,  
79.6273


464.7956,  
477.2677, 513.3495

 55.3931, 55.4581,  
58.8873


124.4193,  
126.0448, 134.6483

 39.9516, 39.7686,  
42.1030


156.2132,  
158.6944, 169.7664

 27.6848, 27.3582,  
28.8558


193.0086,  
196.5451, 210.5143

 18.2275, 17.8424,  
18.7271

235.1709,  
239.9812, 257.3105

 11.2141, 10.8369,  
11.2985

283.0654,  
289.3871, 310.5736

 6.2794, 5.9573,  
6.1513

337.0574,

 3.0580, 2.8191,

345.1472, 370.7221

2.8670

397.5124,  
407.6460, 438.1746

■ 1.1845, 1.0380,  
1.0271

■ 0.0941, 0.0000,  
0.0000

■ 74.3746, 74.8110,  
79.6273

■ 74.3746, 74.8110,  
79.6273

■ 65.8579, 62.0772,  
63.5309

■ 84.1560, 89.4902,  
97.9413

■ 58.5480, 51.1980,  
49.5632

■ 89.4070, 97.0909,  
108.6359

■ 52.3922, 42.0896,  
37.6363

■ 47.3313, 34.6583,  
27.6544

■ 43.3006, 28.8016,  
19.5142

■ 40.2289, 24.4058,  
13.1025

■ 38.0356, 21.3418,  
8.2937

■ 36.6268, 19.4582,  
4.9448

■ 35.8783, 18.5486,  
2.8845

# Harmonies

## Analogous

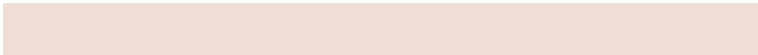
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2617, 74.8110, 84.5088



74.3746, 74.8110, 79.6273



73.6012, 74.8110, 75.4056

# Triad

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



74.3746, 74.8110, 79.6273



68.9602, 74.8110, 74.5936



70.0580, 74.8110, 90.6933

# Complementary

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



74.3746, 74.8110, 79.6273



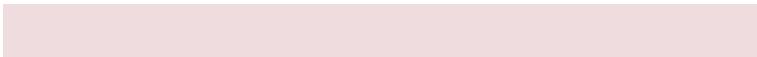
75.6706, 83.0649, 92.1696

# 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.



68.6671, 74.8110, 87.8227



74.3746, 74.8110, 79.6273



68.0403, 74.8110, 78.4785

# Square

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



74.3746, 74.8110, 79.6273



70.4640, 74.8110, 72.5779



67.9338, 74.8110, 83.3134



71.7511, 74.8110, 91.0311



# Rectangle

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



74.3746, 74.8110, 79.6273



72.6942, 74.8110, 73.4825



67.9338, 74.8110, 83.3134



69.5404, 74.8110, 89.9874

# Sweetspot

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



74.3767, 74.8143, 79.6289



92.7183, 96.4986, 104.5406



76.0281, 75.3889, 92.2067



19.8700, 20.6913, 22.4217



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

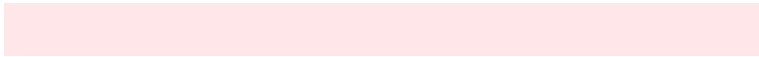


# Same Dimension

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



74.3767, 74.8143, 79.6289



83.9889, 83.4121, 88.1511



76.0637, 78.6140, 78.8791



15.8403, 15.7858, 16.7152



19.7915, 10.1890, 1.5528



1.6688, 0.8566, 0.2467

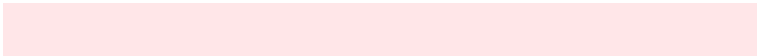


# Inverse Universe

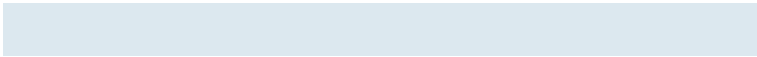
The Inverse Universe completely reimagines the original color for something new.



74.3767, 74.8143, 79.6289



83.9889, 83.4121, 88.1511



73.8748, 79.0040, 93.0180



15.8403, 15.7858, 16.7152



19.7915, 10.1890, 1.5528

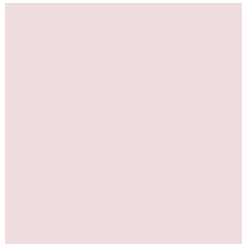


1.6688, 0.8566, 0.2467



# Previews

## White Background



This preview shows how the XYZ color 74.3746, 74.8110, 79.6273 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

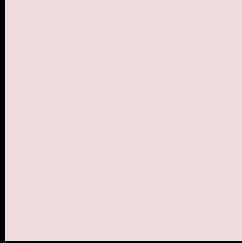
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3746, 74.8110, 79.6273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

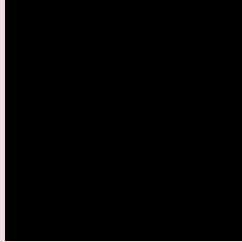
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

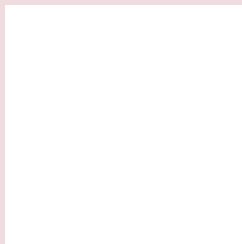
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.3746, 74.8110, 79.6273**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3746, 74.8110, 79.6273.



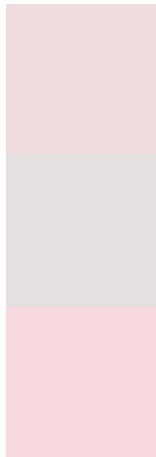
This preview shows how white text looks on a background with the XYZ color 74.3746, 74.8110,

79.6273.

# 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

74.3746, 74.8110, 79.6273

### Protanopia

71.8371, 74.6512, 81.1439

### Deuteranopia

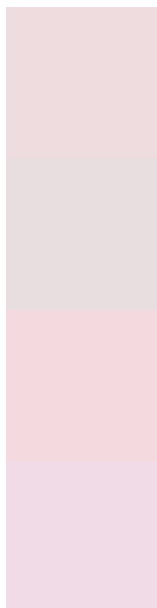
76.4899, 74.7276, 80.2044



## Tritanopia

76.3424, 74.8417, 89.0195

# Trichromacy



## Original Color

74.3746, 74.8110, 79.6273

## Protanomaly

72.7193, 74.7261, 80.4029

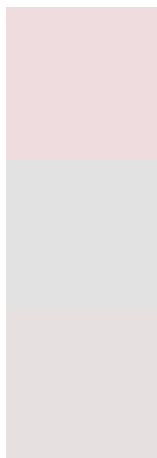
## Deuteranomaly

75.6989, 74.7036, 80.2415

## Tritanomaly

75.5496, 74.9015, 85.3384

# Monochromacy



## Original Color

74.3746, 74.8110, 79.6273

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.2013, 75.7365, 81.9946

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3746, 74.8110, 79.6273 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, 220, 222) looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 222)  
}
```

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, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 222) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3746, 74.8110, 79.6273 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, 220, 222) }
```



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

```
.border{ border-color:rgb(239, 220, 222) }
```

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

Here you see how a box with a 4 pixel rgb(239, 220, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
222) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3746, 74.8110, 79.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 222) }
```

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

```
.background{ background-color: rgb(239,  
220, 222) }
```

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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