

# Converting Colors

XYZ(74.2061, 74.9031, 80.9175)

Have a look what the booklet for  
XYZ(74.2061, 74.9031, 80.9175)  
contains.

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# **Color**

**XYZ(74.2360, 75.0992,  
81.1040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDDE0
RGB	237, 221, 224
RGB Percent	93%, 87%, 88%
CMY	0.0706, 0.1333, 0.1216
CMYK	0.00, 0.07, 0.05, 0.07
HSL	349°, 31%, 90%
HSV	349°, 7%, 93%
XYZ	74.2360, 75.0992, 81.1040
YIQ	226.1260, 8.5730, 4.3250

# Conversions

## Conversions Part 2

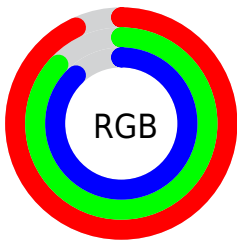
Format	Color
R <sub>Y</sub> B	237, 221, 224
Decimal	15588832
CIE Lab	89.44, 5.98, 0.50
CIE LCh	89, 6.004, 4.730
Yxy	75.0992, 0.3222, 0.3259
Android (android.graphics.Color)	4293778912 (0xFFEDDDE0)
YUV	226.1260, -1.0481, 9.5365
Hunter-Lab	86.6598, 1.2551, 5.1730

# Details

The XYZ color **74.2360, 75.0992, 81.1040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9570, 81.8829, 89.7001**, and the grayscale version is **72.3846, 76.1542, 82.9320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8537, 39.9608, 43.1488** is the 20% darker color. If you saturate the color by 10%, you get **65.9493, 62.4714, 66.1759**, and if you desaturate by 10%, it is **83.7062, 89.6185, 97.8884**.

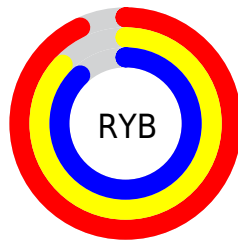
# Distribution



Red (93%)

Green (87%)

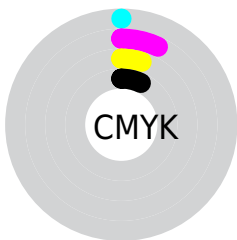
Blue (88%)



Red (93%)

Yellow (87%)

Blue (88%)

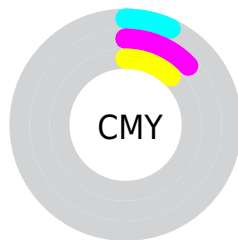


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2360, 75.0992, 81.1040 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 74.2360, 75.0992, 81.1040 by changing the saturation by 10% instead.



74.2360, 75.0992,  
81.1040

74.2360, 75.0992,  
81.1040

464.3252,  
478.2585, 518.4502

55.2792, 55.6942,  
60.0958

124.2240,  
126.4528, 136.7422

39.8600, 39.9578,  
43.0700

155.9859,  
159.1701, 172.2092

27.6131, 27.5056,  
29.6082

192.7469,  
197.0936, 213.3329

18.1732, 17.9533,  
19.2919

234.8723,  
240.6078, 260.5317

11.1749, 10.9165,  
11.7024

282.7274,  
290.0970, 314.2244

6.2527, 6.0107,  
6.4213

336.6778,

3.0415, 2.8516,

345.9455, 374.8293

3.0300

397.0886,  
408.5379, 442.7651

■ 1.1757, 1.0547,  
1.1100

■ 0.0871, 0.0000,  
0.0000

■ 74.2360, 75.0992,  
81.1040

■ 74.2360, 75.0992,  
81.1040

■ 65.9493, 62.4714,  
66.1759

■ 83.7062, 89.6185,  
97.8884

■ 58.7930, 51.6476,  
53.0351

■ 88.7354, 96.7447,  
108.6045

■ 52.7197, 42.5484,  
41.6157

■ 47.6757, 35.0842,  
31.8455

■ 43.6029, 29.1576,  
23.6474

■ 40.4374, 24.6606,  
16.9379

■ 38.1071, 21.4713,  
11.6256

■ 36.5288, 19.4471,  
7.6085

■ 35.5990, 18.4079,  
4.7688

# Harmonies

## Analogous

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



73.9683, 75.0992, 85.2776



74.2360, 75.0992, 81.1040



73.7297, 75.0992, 77.2410

# Triad

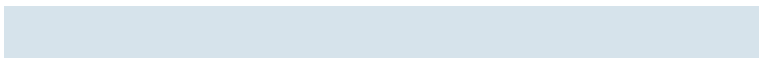
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2360, 75.0992, 81.1040



69.7800, 75.0992, 75.2911



70.1788, 75.0992, 89.3175

# Complementary

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



74.2360, 75.0992, 81.1040



74.9570, 81.8829, 89.7001

# 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.



69.0798, 75.0992, 86.4732



74.2360, 75.0992, 81.1040



68.8519, 75.0992, 78.3604

# Square

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



74.2360, 75.0992, 81.1040



71.1465, 75.0992, 73.9591



68.5973, 75.0992, 82.4402



71.6131, 75.0992, 90.1129

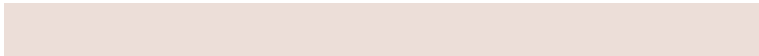


# Rectangle

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



74.2360, 75.0992, 81.1040



73.0255, 75.0992, 75.3326



68.5973, 75.0992, 82.4402



69.7585, 75.0992, 88.5646

# Sweetspot

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



74.2381, 75.1025, 81.1056



92.7843, 96.5250, 104.8881



75.0109, 75.2893, 90.7004



19.8834, 20.6967, 22.4925



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

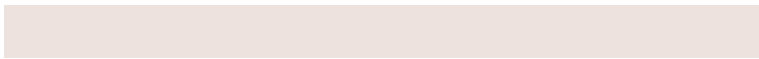
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2381, 75.1025, 81.1056



86.3285, 86.6457, 93.3879



75.1205, 77.5118, 79.4125



15.1807, 15.1001, 16.2370



19.3552, 9.9448, 2.4061



1.5522, 0.7939, 0.3594



# Inverse Universe

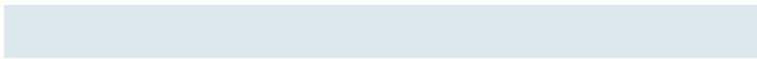
The Inverse Universe completely reimagines the original color for something new.



74.2381, 75.1025, 81.1056



86.3285, 86.6457, 93.3879



74.0204, 79.3148, 91.5296



15.1807, 15.1001, 16.2370



19.3552, 9.9448, 2.4061

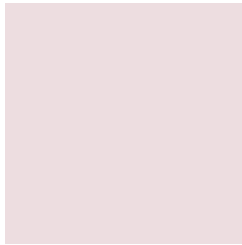


1.5522, 0.7939, 0.3594



# Previews

## White Background



This preview shows how the XYZ color 74.2360, 75.0992, 81.1040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

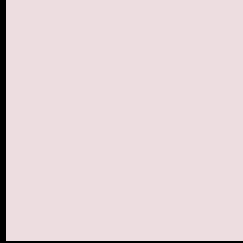
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.2360, 75.0992, 81.1040 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

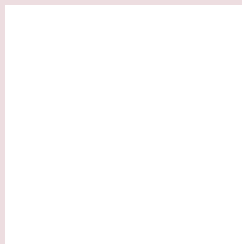
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.2360, 75.0992, 81.1040**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.2360, 75.0992, 81.1040.



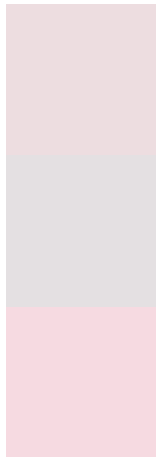
This preview shows how white text looks on a background with the XYZ color 74.2360, 75.0992,



# 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

74.2360, 75.0992, 81.1040

### Protanopia

72.3780, 75.2963, 82.6704

### Deuteranopia

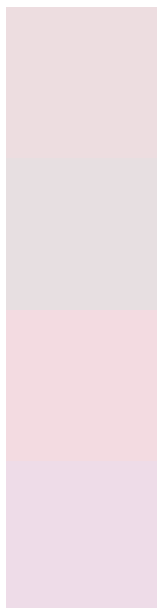
76.6680, 75.1719, 81.7029



## **Tritanopia**

76.0684, 75.0699, 89.8376

# Trichromacy



## Original Color

74.2360, 75.0992, 81.1040

## Protanomaly

72.9333, 75.2005, 81.9053

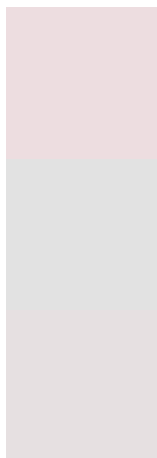
## Deuteranomaly

75.8843, 75.1540, 81.7408

## Tritanomaly

75.4186, 75.1897, 86.8820

# Monochromacy



## Original Color

74.2360, 75.0992, 81.1040

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.8794, 75.5705, 81.9796

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.2360, 75.0992, 81.1040 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(237, 221, 224) looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 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(237, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 74.2360, 75.0992, 81.1040 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(237, 221, 224) }
```



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

```
.border{ border-color:rgb(237, 221, 224) }
```

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

Here you see how a box with a 4 pixel rgb(237, 221, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.2360, 75.0992, 81.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 224) }
```

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

```
.background{ background-color: rgb(237,  
221, 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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