

Converting Colors

XYZ(74.3931, 71.8442, 88.5083)

Have a look what the booklet for
XYZ(74.3931, 71.8442, 88.5083)
contains.

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Color

**XYZ(74.3862, 71.9374,
88.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD5EB
RGB	239, 213, 235
RGB Percent	94%, 84%, 92%
CMY	0.0627, 0.1647, 0.0784
CMYK	0.00, 0.11, 0.02, 0.06
HSL	309°, 45%, 89%
HSV	309°, 11%, 94%
XYZ	74.3862, 71.9374, 88.5620
YIQ	223.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

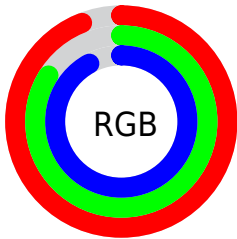
Format	Color
R_{YB}	239, 213, 235
Decimal	15717867
CIE _{Lab}	87.94, 12.76, -7.49
CIE _{LCh}	88, 14.798, 329.602
Yxy	71.9374, 0.3167, 0.3063
Android (android.graphics.Color)	4293907947 (0xFFEFD5EB)
YUV	223.2820, 5.7770, 13.7847
Hunter-Lab	84.8159, 8.1222, -2.5375

Details

The XYZ color **74.3862, 71.9374, 88.5620** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8342, 80.8907, 77.5295**, and the grayscale version is **70.2975, 73.9584, 80.5407**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8920, 37.7757, 47.8367** is the 20% darker color. If you saturate the color by 10%, you get **68.2869, 60.5794, 83.9353**, and if you desaturate by 10%, it is **81.3865, 85.0778, 93.5449**.

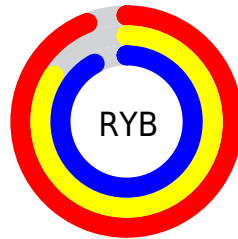
Distribution



Red (94%)

Green (84%)

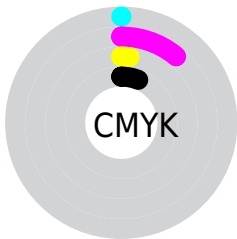
Blue (92%)



Red (94%)

Yellow (84%)

Blue (92%)

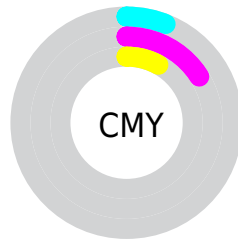


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3862, 71.9374, 88.5620 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 74.3862, 71.9374, 88.5620 by changing the saturation by 10% instead.


 74.3862, 71.9374,
88.5620

 74.3862, 71.9374,
88.5620


464.8350,
467.3237, 543.7908

 55.4026, 53.1075,
66.2216


124.4357,
121.9675, 147.2573

 39.9593, 37.8886,
47.9947


156.2323,
153.9366, 184.4494

 27.6908, 25.8963,
33.4627


193.0306,
191.0542, 227.4291

 18.2320, 16.7460,
22.2072

235.1959,
233.7047, 276.6149

 11.2174, 10.0536,
13.8094

283.0937,
282.2725, 332.4255

 6.2816, 5.4345,
7.8510

337.0892,

 3.0593, 2.5044,

337.1420, 395.2793

3.9134

397.5478,
398.6976, 465.5949

■ 1.1852, 0.8788,
1.5779

■ 0.0947, 0.0000,
0.2750

■ 74.3862, 71.9374,
88.5620

■ 74.3862, 71.9374,
88.5620

■ 68.2869, 60.5794,
83.9353

■ 81.3865, 85.0778,
93.5449

■ 63.0438, 50.9172,
79.6471

■ 87.4376, 96.3032,
98.2651

■ 58.6173, 42.8710,
75.6846

■ 87.9967, 96.5268,
101.2095

■ 54.9626, 36.3509,
72.0325

■ 88.5671, 96.7550,
104.2127

■ 52.0301, 31.2583,
68.6741

■ 89.1486, 96.9876,
107.2751

■ 49.7648, 27.4829,
65.5907

■ 89.4070, 97.0909,
108.6359

■ 48.1033, 24.8983,
62.7607

■ 46.9701, 23.3533,
60.1587

■ 46.2846, 22.6260,
57.9460

Harmonies

Analogous

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



71.7760, 71.9374, 96.4390



74.3862, 71.9374, 88.5620



75.3756, 71.9374, 78.4626

Triad

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



74.3862, 71.9374, 88.5620



68.4215, 71.9374, 60.4825



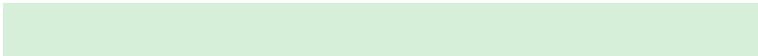
62.6510, 71.9374, 88.3086

Complementary

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



74.3862, 71.9374, 88.5620



70.8342, 80.8907, 77.5295

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.



61.8206, 71.9374, 78.1928



74.3862, 71.9374, 88.5620



65.0819, 71.9374, 62.6388

Square

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



74.3862, 71.9374, 88.5620



71.8603, 71.9374, 62.7551



62.6955, 71.9374, 68.9137



65.0030, 71.9374, 96.2841

Rectangle

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



74.3862, 71.9374, 88.5620



74.9576, 71.9374, 71.9968



62.6955, 71.9374, 68.9137



62.1883, 71.9374, 85.0191

Sweetspot

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



74.3883, 71.9405, 88.5636



92.4689, 95.1402, 107.1076



67.9629, 68.5606, 91.3138



19.6480, 20.0929, 22.8243



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.



74.3883, 71.9405, 88.5636



84.5610, 80.3187, 101.4060



72.5915, 71.2218, 79.1016



16.3436, 15.9872, 19.3658



25.6173, 12.5194, 32.2311



2.1591, 1.0527, 2.8285

Inverse Universe

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



74.3883, 71.9405, 88.5636



84.5610, 80.3187, 101.4060



72.5784, 81.5884, 86.7142



16.3436, 15.9872, 19.3658



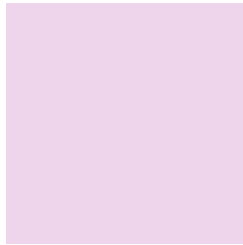
25.6173, 12.5194, 32.2311



2.1591, 1.0527, 2.8285

Previews

White Background



This preview shows how the XYZ color 74.3862, 71.9374, 88.5620 looks on a white background.

Color Contrast Check

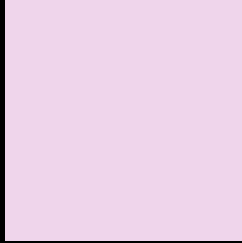
Large Text (above 18pt) WCAG AA × Fail

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 74.3862, 71.9374, 88.5620 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 74.3862, 71.9374, 88.5620

Background



This preview shows how black text looks on a background with the XYZ color 74.3862, 71.9374, 88.5620.



This preview shows how white text looks on a background with the XYZ color 74.3862, 71.9374,

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

74.3862, 71.9374, 88.5620

Protanopia

70.1249, 71.9551, 91.8541

Deuteranopia

73.6340, 71.9242, 88.5991



Tritanopia

73.7303, 72.0398, 85.6204

Trichromacy



Original Color

74.3862, 71.9374, 88.5620

Protanomaly

71.6095, 71.9675, 91.0058

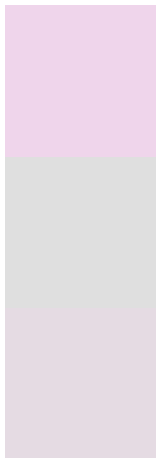
Deuteranomaly

73.9670, 72.0958, 88.6147

Tritanomaly

73.8720, 72.0965, 86.3665

Monochromacy



Original Color

74.3862, 71.9374, 88.5620

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5097, 72.8671, 82.9688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3862, 71.9374, 88.5620 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, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 235)  
}
```

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, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.3862, 71.9374, 88.5620 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, 213, 235) }
```


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

```
.border{ border-color:rgb(239, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3862, 71.9374, 88.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 235) }
```

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

```
.background{ background-color: rgb(239,  
213, 235) }
```

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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