

Converting Colors

XYZ(74.4945, 72.3844, 87.8872)

Have a look what the booklet for XYZ(74.4945, 72.3844, 87.8872) contains.

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Color

**XYZ(74.4945, 72.3844,
87.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6EA
RGB	239, 214, 234
RGB Percent	94%, 84%, 92%
CMY	0.0627, 0.1608, 0.0823
CMYK	0.00, 0.10, 0.02, 0.06
HSL	312°, 44%, 89%
HSV	312°, 10%, 94%
XYZ	74.4945, 72.3844, 87.8872
YIQ	223.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

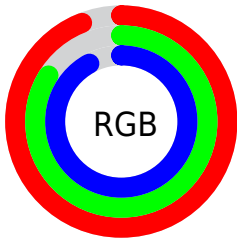
Format	Color
R _Y B	239, 214, 234
Decimal	15718122
CIE Lab	88.15, 12.06, -6.64
CIE LCh	88, 13.769, 331.158
Yxy	72.3844, 0.3173, 0.3083
Android (android.graphics.Color)	4293908202 (0xFFEFD6EA)
YUV	223.7550, 5.0508, 13.3699
Hunter-Lab	85.0790, 7.4049, -1.6917

Details

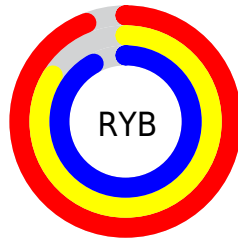
The XYZ color **74.4945, 72.3844, 87.8872** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3871, 81.1457, 78.9220**, and the grayscale version is **70.6393, 74.3181, 80.9324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9625, 38.0779, 47.3630** is the 20% darker color. If you saturate the color by 10%, you get **68.2071, 60.8931, 82.4489**, and if you desaturate by 10%, it is **81.6921, 85.6643, 93.7221**.

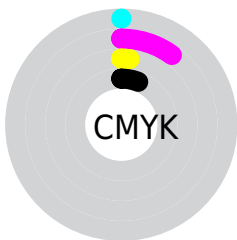
Distribution



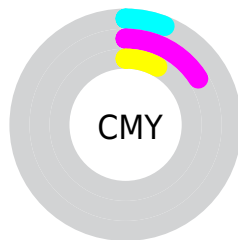
- Red (94%)
- Green (84%)
- Blue (92%)



- Red (94%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4945, 72.3844, 87.8872 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 74.4945, 72.3844, 87.8872 by changing the saturation by 10% instead.

74.4945, 72.3844,
87.8872

74.4945, 72.3844,
87.8872

465.2023,
468.8785, 541.5255

55.4916, 53.4727,
65.6658

124.5883,
122.6029, 146.3099

40.0308, 38.1803,
47.5464

156.4099,
154.6785, 183.3483

27.7469, 26.1227,
33.1104

193.2350,
191.9109, 226.1627

18.2744, 16.9154,
21.9392

235.4292,
234.6845, 275.1719

11.2481, 10.1742,
13.6144

283.3576,
283.3836, 330.7942

6.3025, 5.5146,
7.7173

337.3857,

3.0723, 2.5523,

338.3928, 393.4482

3.8294

397.8788,
400.0962, 463.5524

■ 1.1921, 0.9027,
1.5322

■ 0.1001, 0.0000,
0.2418

■ 74.4945, 72.3844,
87.8872

■ 74.4945, 72.3844,
87.8872

■ 68.2071, 60.8931,
82.4489

■ 81.6921, 85.6643,
93.7221

■ 62.7849, 51.1038,
77.3888

■ 87.6200, 96.3762,
99.2251

■ 58.1887, 42.9371,
72.6941

■ 88.3539, 96.6697,
103.0896

■ 54.3734, 36.3034,
68.3490

■ 89.1067, 96.9708,
107.0540

■ 51.2898, 31.1044,
64.3364

■ 89.4071, 97.0910,
108.6359

■ 48.8829, 27.2304,
60.6371

■ 47.0898, 24.5557,
57.2296

■ 45.8354, 22.9304,
54.0879

■ 45.0223, 22.1210,
51.2979

Harmonies

Analogous

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



72.1267, 72.3844, 95.3685



74.4945, 72.3844, 87.8872



75.3242, 72.3844, 78.4484

Triad

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



74.4945, 72.3844, 87.8872



68.6713, 72.3844, 62.0427



63.5231, 72.3844, 88.5715

Complementary

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



74.4945, 72.3844, 87.8872



71.3871, 81.1457, 78.9220

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.



62.6624, 72.3844, 79.1813



74.4945, 72.3844, 87.8872



65.5756, 72.3844, 64.2960

Square

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



74.4945, 72.3844, 87.8872



71.8983, 72.3844, 63.9766



63.4018, 72.3844, 70.3884



65.7905, 72.3844, 95.7852

Rectangle

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



74.4945, 72.3844, 87.8872



74.8732, 72.3844, 72.4501



63.4018, 72.3844, 70.3884



63.0630, 72.3844, 85.5408

Sweetspot

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



74.4966, 72.3875, 87.8888



92.4125, 95.1176, 106.8102



68.8431, 69.3888, 91.4276



19.6327, 20.0868, 22.7438



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.



74.4966, 72.3875, 87.8888



84.3220, 80.2231, 100.1475



72.7636, 71.6943, 78.7628



16.3108, 15.9740, 19.1931



24.9280, 12.2436, 28.6009



2.1078, 1.0322, 2.5584

Inverse Universe

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



74.4966, 72.3875, 87.8888



84.3220, 80.2231, 100.1475



73.0951, 81.8289, 87.9162



16.3108, 15.9740, 19.1931



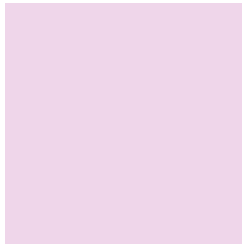
24.9280, 12.2436, 28.6009



2.1078, 1.0322, 2.5584

Previews

White Background



This preview shows how the XYZ color 74.4945, 72.3844, 87.8872 looks on a white background.

Color Contrast Check

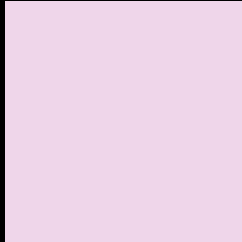
Large Text (above 18pt) WCAG AA × Fail

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 74.4945, 72.3844, 87.8872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

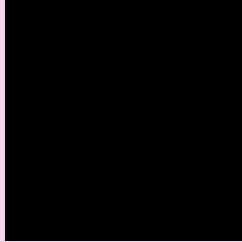
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4945, 72.3844, 87.8872

Background



This preview shows how black text looks on a background with the XYZ color 74.4945, 72.3844, 87.8872.



This preview shows how white text looks on a background with the XYZ color 74.4945, 72.3844,

87.8872.

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

74.4945, 72.3844, 87.8872

Protanopia

70.5410, 72.5751, 91.1794

Deuteranopia

74.0768, 72.5459, 87.9404



Tritanopia

74.0670, 72.2134, 85.6361

Trichromacy



Original Color

74.4945, 72.3844, 87.8872

Protanomaly

72.0360, 72.5881, 90.3350

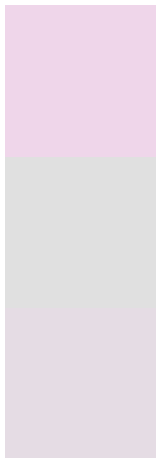
Deuteranomaly

74.4116, 72.7185, 87.9561

Tritanomaly

74.2087, 72.2701, 86.3822

Monochromacy



Original Color

74.4945, 72.3844, 87.8872

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9099, 73.4458, 83.7852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4945, 72.3844, 87.8872 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, 214, 234) looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 234)  
}
```

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, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.4945, 72.3844, 87.8872 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, 214, 234) }
```


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

```
.border{ border-color:rgb(239, 214, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4945, 72.3844, 87.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 234) }
```

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

```
.background{ background-color: rgb(239,  
214, 234) }
```

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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