

Converting Colors

XYZ(75.4148, 73.9845, 88.3381)

Have a look what the booklet for
XYZ(75.4148, 73.9845, 88.3381)
contains.

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Color

**XYZ(75.2607, 73.9169,
88.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD9EA
RGB	239, 217, 234
RGB Percent	94%, 85%, 92%
CMY	0.0627, 0.1490, 0.0823
CMYK	0.00, 0.09, 0.02, 0.06
HSL	314°, 41%, 89%
HSV	314°, 9%, 94%
XYZ	75.2607, 73.9169, 88.1426
YIQ	225.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

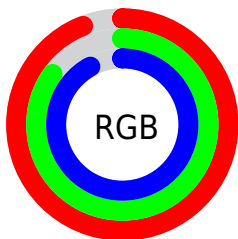
Format	Color
R _Y B	239, 217, 234
Decimal	15718890
CIE Lab	88.88, 10.49, -5.56
CIE LCh	89, 11.874, 332.059
Yxy	73.9169, 0.3171, 0.3115
Android (android.graphics.Color)	4293908970 (0xFFEFD9EA)
YUV	225.5160, 4.1826, 11.8255
Hunter-Lab	85.9749, 5.7991, -0.6024

Details

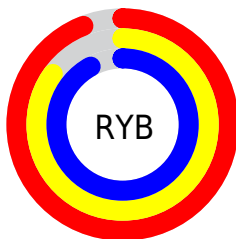
The XYZ color **75.2607, 73.9169, 88.1426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6694, 81.7606, 81.0624**, and the grayscale version is **71.9081, 75.6529, 82.3860**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4847, 39.1223, 47.5371** is the 20% darker color. If you saturate the color by 10%, you get **68.7730, 62.1706, 82.1887**, and if you desaturate by 10%, it is **82.6687, 87.4634, 94.5231**.

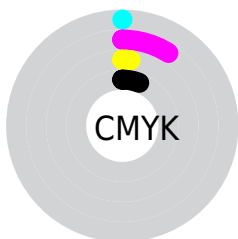
Distribution



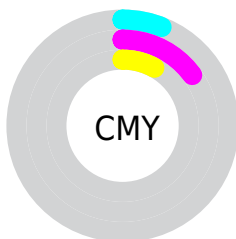
- Red (94%)
- Green (85%)
- Blue (92%)



- Red (94%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2607, 73.9169, 88.1426 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 75.2607, 73.9169, 88.1426 by changing the saturation by 10% instead.

 75.2607, 73.9169,
88.1426

 75.2607, 73.9169,
88.1426


467.7965,
474.1865, 542.3835

 56.1214, 54.7260,
65.8762


125.6673,
124.7780, 146.6686

 40.5377, 39.1824,
47.7160


157.6653,
157.2170, 183.7652

 28.1441, 26.9017,
33.2437


194.6802,
194.8409, 226.6422

 18.5753, 17.4994,
22.0405

237.0774,
238.0340, 275.7183

 11.4660, 10.5912,
13.6881

285.2223,
287.1807, 331.4119

 6.4508, 5.7927,
7.7678

339.4802,

 3.1643, 2.7194,

342.6654, 394.1416

3.8611

400.2165,
404.8726, 464.3260

■ 1.2412, 0.9871,
1.5494

■ 0.1386, 0.0000,
0.2544

■ 75.2607, 73.9169,
88.1426

■ 75.2607, 73.9169,
88.1426

■ 68.7730, 62.1706,
82.1887

■ 82.6687, 87.4634,
94.5231

■ 63.1608, 52.1384,
76.6428

■ 87.8182, 96.4554,
100.2691

■ 58.3852, 43.7415,
71.4917

■ 88.6595, 96.7919,
104.6991

■ 54.4015, 36.8915,
66.7196

■ 89.4071, 97.0910,
108.6359

■ 51.1611, 31.4910,
62.3090

■ 48.6098, 27.4320,
58.2409

■ 46.6856, 24.5912,
54.4935

■ 45.3154, 22.8224,
51.0412

■ 44.3859, 21.8996,
47.8452

Harmonies

Analogous

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



73.2353, 73.9169, 94.6811



75.2607, 73.9169, 88.1426



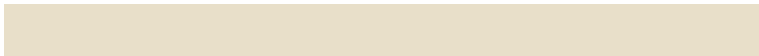
75.9346, 73.9169, 79.9147

Triad

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



75.2607, 73.9169, 88.1426



70.0571, 73.9169, 65.6558



65.6678, 73.9169, 89.1950

Complementary

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



75.2607, 73.9169, 88.1426



72.6694, 81.7606, 81.0624

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.



64.8674, 73.9169, 81.0539



75.2607, 73.9169, 88.1426



67.3582, 73.9169, 67.7802

Square

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



75.2607, 73.9169, 88.1426



72.8818, 73.9169, 67.2735



65.4778, 73.9169, 73.2804



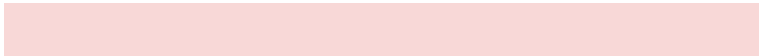
67.6937, 73.9169, 95.3173

Rectangle

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



75.2607, 73.9169, 88.1426



75.5123, 73.9169, 74.6743



65.4778, 73.9169, 73.2804



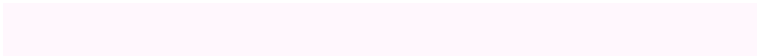
65.2490, 73.9169, 86.5852

Sweetspot

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



75.2628, 73.9201, 88.1442



92.3791, 95.1043, 106.6348



70.4487, 71.3541, 91.7221



19.6237, 20.0832, 22.6963



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.



75.2628, 73.9201, 88.1442



85.7357, 82.9869, 100.8145



73.7627, 73.3201, 80.2446



16.2916, 15.9663, 19.0915



24.5438, 12.0900, 26.5781



2.0789, 1.0206, 2.4065

Inverse Universe

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



75.2628, 73.9201, 88.1442



85.7357, 82.9869, 100.8145



74.1588, 82.3564, 88.9058



16.2916, 15.9663, 19.0915



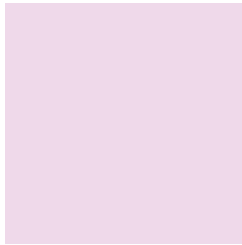
24.5438, 12.0900, 26.5781



2.0789, 1.0206, 2.4065

Previews

White Background



This preview shows how the XYZ color 75.2607, 73.9169, 88.1426 looks on a white background.

Color Contrast Check

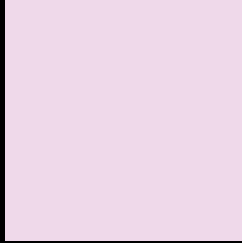
Large Text (above 18pt) WCAG AA × Fail

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 75.2607, 73.9169, 88.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

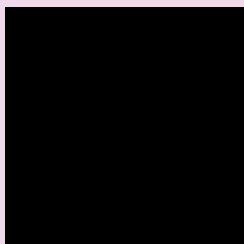
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2607, 73.9169, 88.1426

Background



This preview shows how black text looks on a background with the XYZ color 75.2607, 73.9169, 88.1426.



This preview shows how white text looks on a background with the XYZ color 75.2607, 73.9169,

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

75.2607, 73.9169, 88.1426

Protanopia

71.8388, 74.0450, 90.6266

Deuteranopia

75.5993, 74.0915, 88.1585



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

75.2607, 73.9169, 88.1426

Protanomaly

73.0466, 73.9005, 89.7711

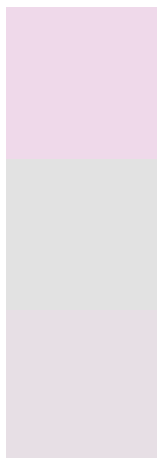
Deuteranomaly

75.5993, 74.0915, 88.1585

Tritanomaly

75.2607, 73.9169, 88.1426

Monochromacy



Original Color

75.2607, 73.9169, 88.1426

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4855, 75.4214, 84.8134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2607, 73.9169, 88.1426 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, 217, 234) looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.2607, 73.9169, 88.1426 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, 217, 234) }
```


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

```
.border{ border-color:rgb(239, 217, 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, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2607, 73.9169, 88.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 234) }
```

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

```
.background{ background-color: rgb(239,  
217, 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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