

Converting Colors

XYZ(74.5213, 74.0695, 79.3710)

Have a look what the booklet for
XYZ(74.5213, 74.0695, 79.3710)
contains.

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Color

**XYZ(74.5318, 74.1175,
79.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DADE
RGB	241, 218, 222
RGB Percent	95%, 85%, 87%
CMY	0.0549, 0.1451, 0.1294
CMYK	0.00, 0.10, 0.08, 0.05
HSL	350°, 45%, 90%
HSV	350°, 10%, 95%
XYZ	74.5318, 74.1175, 79.4851
YIQ	225.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

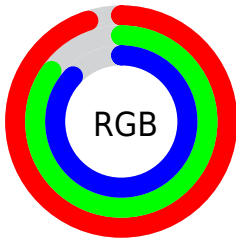
Format	Color
R _Y B	241, 218, 222
Decimal	15850206
CIE Lab	88.98, 8.58, 0.91
CIE LCh	89, 8.632, 6.078
Yxy	74.1175, 0.3267, 0.3249
Android (android.graphics.Color)	4294040286 (0xFFFF1DADE)
YUV	225.3330, -1.6432, 13.7400
Hunter-Lab	86.0915, 3.8722, 5.5238

Details

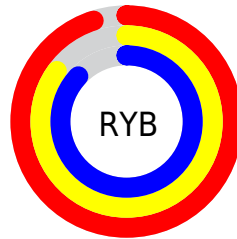
The XYZ color **74.5318, 74.1175, 79.4851** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6576, 83.9322, 92.3377**, and the grayscale version is **71.8145, 75.5545, 82.2788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0798, 39.2987, 42.0322** is the 20% darker color. If you saturate the color by 10%, you get **66.2180, 61.5110, 64.3152**, and if you desaturate by 10%, it is **84.0737, 88.6739, 96.6212**.

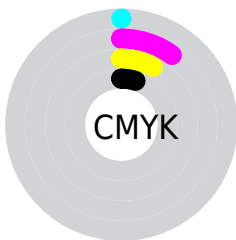
Distribution



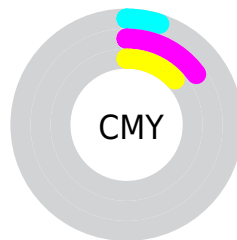
- Red (95%)
- Green (85%)
- Blue (87%)



- Red (95%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5318, 74.1175, 79.4851 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 74.5318, 74.1175, 79.4851 by changing the saturation by 10% instead.


 74.5318, 74.1175,
79.4851

 74.5318, 74.1175,
79.4851


465.3288,
474.8788, 512.8568

 55.5222, 54.8902,
58.7711


124.6408,
125.0624, 134.4464

 40.0555, 39.3138,
42.0101


156.4710,
157.5487, 169.5308

 27.7662, 27.0040,
28.7835


193.3055,
195.2236, 210.2423

 18.2891, 17.5762,
18.6730

235.5095,
238.4713, 256.9996

 11.2587, 10.6461,
11.2598

283.4485,
287.6763, 310.2212

 6.3097, 5.8294,
6.1255

337.4878,

 3.0767, 2.7416,

343.2229, 370.3255

2.8515

397.9928,
405.4956, 437.7312

■ 1.1945, 0.9984,
1.0193

■ 0.1020, 0.0000,
0.0000

■ 74.5318, 74.1175,
79.4851

■ 74.5318, 74.1175,
79.4851

■ 66.2180, 61.5110,
64.3152

■ 84.0737, 88.6739,
96.6212

■ 59.0761, 50.7623,
51.0363

■ 90.0860, 97.4409,
108.6677

■ 53.0546, 41.7861,
39.5750

■ 48.0961, 34.4869,
29.8517

■ 44.1377, 28.7601,
21.7805

■ 41.1097, 24.4893,
15.2681

■ 38.9336, 21.5418,
10.2118

■ 37.5169, 19.7606,
6.4960

■ 36.7202, 18.8978,
3.9776

Harmonies

Analogous

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



74.1962, 74.1175, 85.4743



74.5318, 74.1175, 79.4851



73.7553, 74.1175, 74.0914

Triad

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



74.5318, 74.1175, 79.4851



68.0990, 74.1175, 71.7248



68.8243, 74.1175, 91.7221

Complementary

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



74.5318, 74.1175, 79.4851



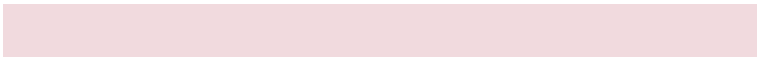
75.6576, 83.9322, 92.3377

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.



67.2381, 74.1175, 87.6932



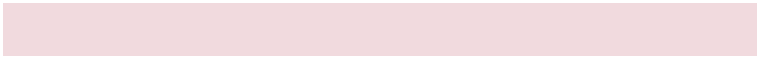
74.5318, 74.1175, 79.4851



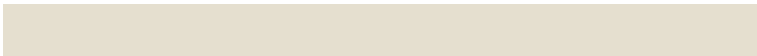
66.8252, 74.1175, 76.1095

Square

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



74.5318, 74.1175, 79.4851



70.0205, 74.1175, 69.7562



66.5132, 74.1175, 81.9300



70.8742, 74.1175, 92.7354

Rectangle

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



74.5318, 74.1175, 79.4851



72.7203, 74.1175, 71.4948



66.5132, 74.1175, 81.9300



68.2205, 74.1175, 90.6662

Sweetspot

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



74.5339, 74.1208, 79.4867



91.6568, 94.8154, 102.8309



75.8036, 74.4643, 93.5976



19.4289, 20.0053, 21.6703



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.



74.5339, 74.1208, 79.4867



83.2359, 81.9870, 87.6511



75.9346, 77.7693, 77.3424



15.8849, 15.8037, 16.9501



19.9309, 10.2448, 2.2866



1.6899, 0.8650, 0.3578

Inverse Universe

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



74.5339, 74.1208, 79.4867



83.2359, 81.9870, 87.6511



74.1354, 79.9431, 94.7431



15.8849, 15.8037, 16.9501



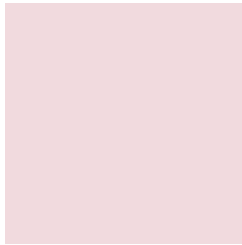
19.9309, 10.2448, 2.2866



1.6899, 0.8650, 0.3578

Previews

White Background



This preview shows how the XYZ color 74.5318, 74.1175, 79.4851 looks on a white background.

Color Contrast Check

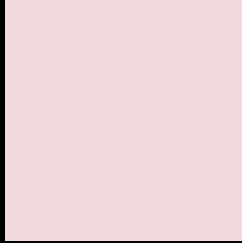
Large Text (above 18pt) WCAG AA × Fail

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 74.5318, 74.1175, 79.4851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

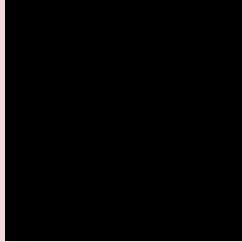
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5318, 74.1175, 79.4851

Background



This preview shows how black text looks on a background with the XYZ color 74.5318, 74.1175, 79.4851.



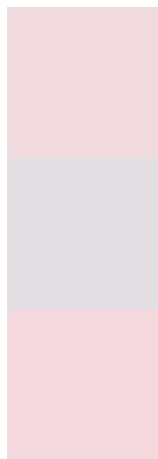
This preview shows how white text looks on a background with the XYZ color 74.5318, 74.1175,

79.4851.

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

74.5318, 74.1175, 79.4851

Protanopia

71.3904, 74.0097, 81.7568

Deuteranopia

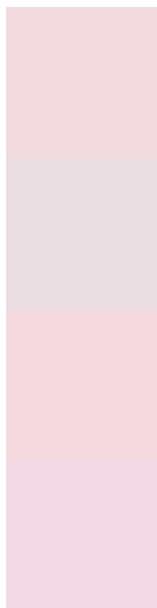
75.3969, 73.7981, 79.3779



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

74.5318, 74.1175, 79.4851

Protanomaly

72.5897, 74.2505, 81.0269

Deuteranomaly

75.3059, 74.1327, 79.4472

Tritanomaly

75.5737, 74.1601, 84.4599

Monochromacy



Original Color

74.5318, 74.1175, 79.4851

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5308, 74.6133, 81.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5318, 74.1175, 79.4851 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(241, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 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(241, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.5318, 74.1175, 79.4851 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(241, 218, 222) }
```


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

```
.border{ border-color:rgb(241, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5318, 74.1175, 79.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 222) }
```

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

```
.background{ background-color: rgb(241,  
218, 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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