

Converting Colors

XYZ(74.9622, 73.3515, 82.5609)

Have a look what the booklet for
XYZ(74.9622, 73.3515, 82.5609)
contains.

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Color

**XYZ(75.0389, 73.5350,
82.9117)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D8E3
RGB	242, 216, 227
RGB Percent	95%, 85%, 89%
CMY	0.0510, 0.1529, 0.1098
CMYK	0.00, 0.11, 0.06, 0.05
HSL	335°, 50%, 90%
HSV	335°, 11%, 95%
XYZ	75.0389, 73.5350, 82.9117
YIQ	225.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

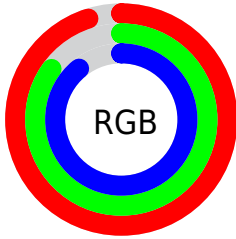
Format	Color
R _Y B	242, 216, 227
Decimal	15915235
CIE Lab	88.70, 10.81, -2.11
CIE LCh	89, 11.019, 348.945
Yxy	73.5350, 0.3242, 0.3177
Android (android.graphics.Color)	4294105315 (0xFFFF2D8E3)
YUV	225.0280, 0.9722, 14.8844
Hunter-Lab	85.7526, 6.1318, 2.7010

Details

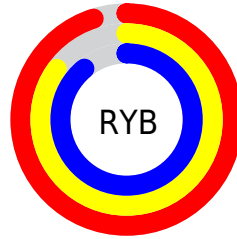
The XYZ color **75.0389, 73.5350, 82.9117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4976, 83.8746, 87.8683**, and the grayscale version is **71.5771, 75.3047, 82.0068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4410, 38.9074, 44.4081** is the 20% darker color. If you saturate the color by 10%, you get **67.4403, 61.2974, 71.2529**, and if you desaturate by 10%, it is **83.7110, 87.6677, 95.7014**.

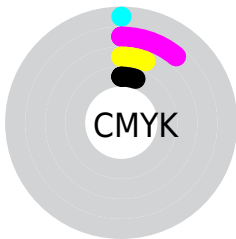
Distribution



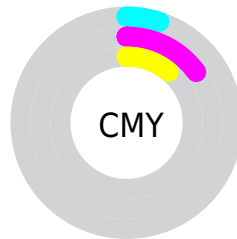
- Red (95%)
- Green (85%)
- Blue (89%)



- Red (95%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0389, 73.5350, 82.9117 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 75.0389, 73.5350, 82.9117 by changing the saturation by 10% instead.


 75.0389, 73.5350,
82.9117

 75.0389, 73.5350,
82.9117


467.0464,
472.8669, 524.6555

 55.9390, 54.4135,
61.5771


125.3550,
124.2364, 139.2999

 40.3909, 38.9324,
44.2575


157.3020,
156.5852, 175.1906

 28.0290, 26.7071,
30.5343


194.2621,
194.1118, 216.7705

 18.4881, 17.3534,
19.9890

236.6007,
237.2007, 264.4580

 11.4028, 10.4868,
12.2031

284.6830,
286.2363, 318.6717

 6.4077, 5.7229,
6.7579

338.8745,

 3.1375, 2.6773,

341.6029, 379.8302

3.2350

399.5405,
403.6850, 448.3519

■ 1.2269, 0.9657,
1.2159

■ 0.1275, 0.0000,
0.0000

■ 75.0389, 73.5350,
82.9117

■ 75.0389, 73.5350,
82.9117

■ 67.4403, 61.2974,
71.2529

■ 83.7110, 87.6677,
95.7014

■ 60.8656, 50.8642,
60.6876

■ 90.4169, 97.6129,
108.6235

■ 55.2703, 42.1517,
51.1829

■ 90.4284, 97.6175,
108.6837

■ 50.6043, 35.0659,
42.7024

■ 46.8124, 29.5033,
35.2074

■ 43.8337, 25.3490,
28.6561

■ 41.5986, 22.4708,
23.0026

■ 40.0243, 20.7114,
18.1958

■ 39.0347, 19.8440,
14.4379

Harmonies

Analogous

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



73.8250, 73.5350, 90.0884



75.0389, 73.5350, 82.9117



74.8479, 73.5350, 75.4005

Triad

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



75.0389, 73.5350, 82.9117



68.2438, 73.5350, 66.9842



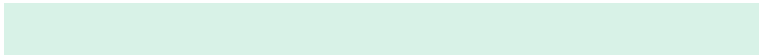
66.5839, 73.5350, 91.6406

Complementary

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



75.0389, 73.5350, 82.9117



74.4976, 83.8746, 87.8683

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.



65.1614, 73.5350, 84.9224



75.0389, 73.5350, 82.9117



66.1028, 73.5350, 70.8180

Square

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



75.0389, 73.5350, 82.9117



70.8791, 73.5350, 66.5216



64.9875, 73.5350, 77.2883



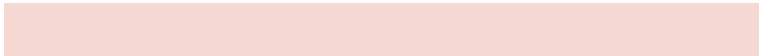
68.9157, 73.5350, 95.3369

Rectangle

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



75.0389, 73.5350, 82.9117



73.9508, 73.5350, 71.1998



64.9875, 73.5350, 77.2883



65.9861, 73.5350, 89.6417

Sweetspot

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



75.0410, 73.5382, 82.9133



91.9553, 94.9347, 104.4025



73.4545, 72.4706, 94.1221



19.5092, 20.0374, 22.0934



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.



75.0410, 73.5382, 82.9133



82.4432, 79.4716, 90.2537



74.0175, 73.8430, 75.3216



16.0502, 15.8698, 17.8207



21.0345, 10.6862, 8.0980



1.7986, 0.9085, 0.9300

Inverse Universe

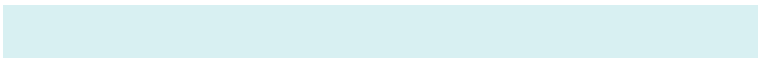
The Inverse Universe completely reimagines the original color for something new.



75.0410, 73.5382, 82.9133



82.4432, 79.4716, 90.2537



75.5869, 83.4888, 96.1364



16.0502, 15.8698, 17.8207



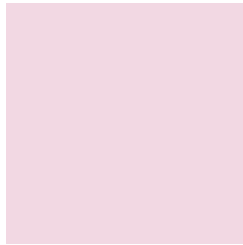
21.0345, 10.6862, 8.0980



1.7986, 0.9085, 0.9300

Previews

White Background



This preview shows how the XYZ color 75.0389, 73.5350, 82.9117 looks on a white background.

Color Contrast Check

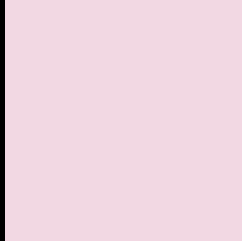
Large Text (above 18pt) WCAG AA × Fail

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 75.0389, 73.5350, 82.9117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

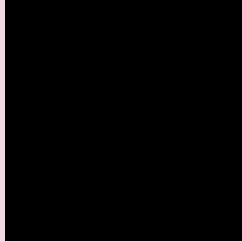
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0389, 73.5350, 82.9117

Background



This preview shows how black text looks on a background with the XYZ color 75.0389, 73.5350, 82.9117.



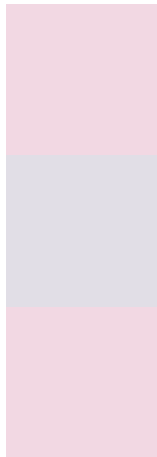
This preview shows how white text looks on a background with the XYZ color 75.0389, 73.5350,

82.9117.

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

75.0389, 73.5350, 82.9117

Protanopia

71.4555, 73.9633, 85.3731

Deuteranopia

75.0389, 73.5350, 82.9117



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

75.0389, 73.5350, 82.9117

Protanomaly

72.6911, 73.8325, 84.5486

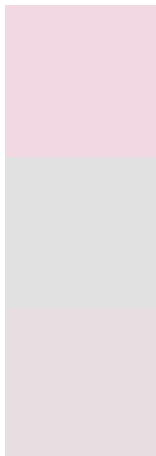
Deuteranomaly

75.0389, 73.5350, 82.9117

Tritanomaly

75.5455, 73.3687, 85.0428

Monochromacy



Original Color

75.0389, 73.5350, 82.9117

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8037, 74.7225, 82.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0389, 73.5350, 82.9117 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(242, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 227)  
}
```

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(242, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.0389, 73.5350, 82.9117 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(242, 216, 227) }
```


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

```
.border{ border-color:rgb(242, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0389, 73.5350, 82.9117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 227) }
```

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

```
.background{ background-color: rgb(242,  
216, 227) }
```

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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