

Converting Colors

XYZ(75.4545, 71.4515, 79.5482)

Have a look what the booklet for
XYZ(75.4545, 71.4515, 79.5482)
contains.

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Color

**XYZ(75.4328, 71.5606,
79.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2DF
RGB	249, 210, 223
RGB Percent	98%, 82%, 87%
CMY	0.0235, 0.1764, 0.1255
CMYK	0.00, 0.16, 0.10, 0.02
HSL	340°, 76%, 90%
HSV	340°, 16%, 98%
XYZ	75.4328, 71.5606, 79.6489
YIQ	223.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

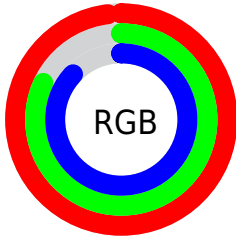
Format	Color
R _Y B	249, 210, 223
Decimal	16372447
CIE Lab	87.76, 15.70, -1.32
CIE LCh	88, 15.753, 355.210
Yxy	71.5606, 0.3328, 0.3157
Android (android.graphics.Color)	4294562527 (0xFFF9D2DF)
YUV	223.1430, -0.0705, 22.6766
Hunter-Lab	84.5935, 11.1315, 3.3910

Details

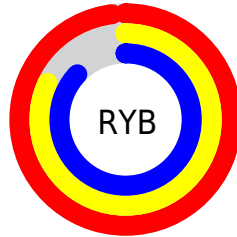
The XYZ color **75.4328, 71.5606, 79.6489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5971, 87.5110, 92.2680**, and the grayscale version is **70.2335, 73.8911, 80.4674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5275, 37.4763, 42.1434** is the 20% darker color. If you saturate the color by 10%, you get **67.6276, 59.3578, 66.5402**, and if you desaturate by 10%, it is **84.4180, 85.7705, 94.2355**.

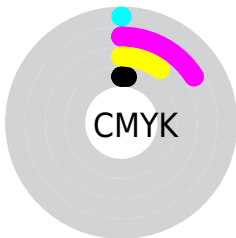
Distribution



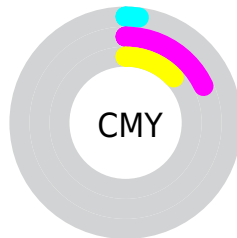
- Red (98%)
- Green (82%)
- Blue (87%)



- Red (98%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4328, 71.5606, 79.6489 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 75.4328, 71.5606, 79.6489 by changing the saturation by 10% instead.


 75.4328, 71.5606,
79.6489

 75.4328, 71.5606,
79.6489


468.3781,
466.0108, 513.4243

 56.2630, 52.7998,
58.9050


125.9095,
121.4316, 134.6789

 40.6516, 37.6430,
42.1171


157.9470,
153.3106, 169.8021

 28.2334, 25.7057,
28.8668


195.0044,
190.3312, 210.5555

 18.6430, 16.6036,
18.7354

237.4472,
232.8777, 257.3577

 11.5151, 9.9523,
11.3043

285.6406,
281.3345, 310.6271

 6.4843, 5.3673,
6.1552

339.9499,

 3.1852, 2.4644,

336.0860, 370.7823

2.8694

400.7407,
397.5166, 438.2419

■ 1.2524, 0.8587,
1.0283

■ 0.1472, 0.0000,
0.0000

■ 75.4328, 71.5606,
79.6489

■ 75.4328, 71.5606,
79.6489

■ 67.6276, 59.3578,
66.5402

■ 84.4180, 85.7705,
94.2355

■ 60.9460, 49.0618,
54.8570

■ 92.8773, 98.8799,
108.7983

■ 55.3358, 40.5780,
44.5504

■ 50.7383, 33.8000,
35.5667

■ 47.0888, 28.6100,
27.8484

■ 44.3147, 24.8753,
21.3330

■ 42.3320, 22.4410,
15.9521

■ 41.0382, 21.1162,
11.6275

■ 40.6280, 20.7642,
10.0467

Harmonies

Analogous

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



74.0912, 71.5606, 90.2620



75.4328, 71.5606, 79.6489



74.7284, 71.5606, 69.4746

Triad

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



75.4328, 71.5606, 79.6489



65.0006, 71.5606, 60.7382



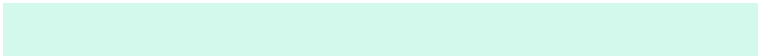
63.9972, 71.5606, 96.0739

Complementary

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



75.4328, 71.5606, 79.6489



75.5971, 87.5110, 92.2680

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.



61.7184, 71.5606, 87.0178



75.4328, 71.5606, 79.6489



62.2827, 71.5606, 66.7529

Square

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



75.4328, 71.5606, 79.6489



68.6182, 71.5606, 59.1525



61.1024, 71.5606, 76.2110



67.4178, 71.5606, 100.2821

Rectangle

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



75.4328, 71.5606, 79.6489



73.2065, 71.5606, 64.2029



61.1024, 71.5606, 76.2110



63.0772, 71.5606, 93.4576

Sweetspot

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



75.4348, 71.5638, 79.6504



89.7779, 91.5977, 100.5393



74.7400, 70.7690, 99.3440



19.0632, 19.3625, 21.2750



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.



75.4348, 71.5638, 79.6504



76.7223, 70.9793, 79.2544



75.3864, 74.1643, 71.3184



17.4832, 17.3206, 19.1342



21.8060, 11.1381, 5.6866



2.0666, 1.0504, 0.7743

Inverse Universe

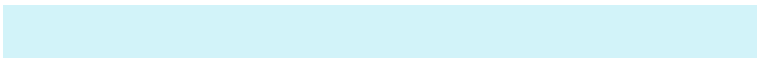
The Inverse Universe completely reimagines the original color for something new.



75.4348, 71.5638, 79.6504



76.7223, 70.9793, 79.2544



75.5808, 84.3456, 101.9203



17.4832, 17.3206, 19.1342



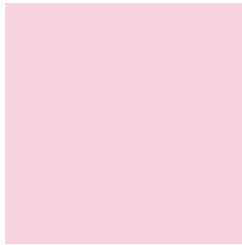
21.8060, 11.1381, 5.6866



2.0666, 1.0504, 0.7743

Previews

White Background



This preview shows how the XYZ color 75.4328, 71.5606, 79.6489 looks on a white background.

Color Contrast Check

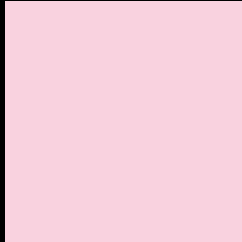
Large Text (above 18pt) WCAG AA × Fail

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 75.4328, 71.5606, 79.6489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

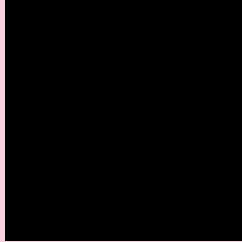
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4328, 71.5606, 79.6489

Background



This preview shows how black text looks on a background with the XYZ color 75.4328, 71.5606, 79.6489.



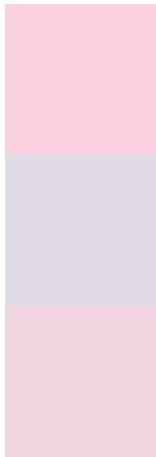
This preview shows how white text looks on a background with the XYZ color 75.4328, 71.5606,

79.6489.

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

75.4328, 71.5606, 79.6489

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

72.9142, 71.3877, 79.0434



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

75.4328, 71.5606, 79.6489

Protanomaly

71.5620, 71.7585, 82.0306

Deuteranomaly

73.6904, 71.4156, 79.0079

Tritanomaly

75.7041, 71.6692, 81.0777

Monochromacy



Original Color

75.4328, 71.5606, 79.6489

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6694, 72.6263, 80.0529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4328, 71.5606, 79.6489 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(249, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 223)  
}
```

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(249, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.4328, 71.5606, 79.6489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

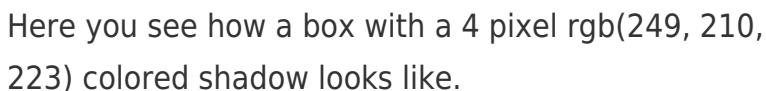
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 210, 223) }
```


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

```
.border{ border-color:rgb(249, 210, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 210, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 210, 223); box-shadow:4px 4px 4px 4px rgb(249, 210, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4328, 71.5606, 79.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 223) }
```

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

```
.background{ background-color: rgb(249,  
210, 223) }
```

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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