

Converting Colors

XYZ(75.3242, 72.3844, 78.4484)

Have a look what the booklet for
XYZ(75.3242, 72.3844, 78.4484)
contains.

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Color

**XYZ(75.3060, 72.2639,
78.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D4DD
RGB	248, 212, 221
RGB Percent	97%, 83%, 87%
CMY	0.0274, 0.1686, 0.1333
CMYK	0.00, 0.15, 0.11, 0.03
HSL	345°, 72%, 90%
HSV	345°, 15%, 97%
XYZ	75.3060, 72.2639, 78.3859
YIQ	223.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

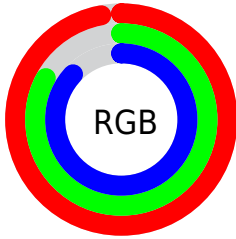
Format	Color
R _Y B	248, 212, 221
Decimal	16307421
CIE Lab	88.10, 13.98, 0.23
CIE LCh	88, 13.980, 0.927
Yxy	72.2639, 0.3333, 0.3198
Android (android.graphics.Color)	4294497501 (0xFFFF8D4DD)
YUV	223.7900, -1.3755, 21.2322
Hunter-Lab	85.0082, 9.3631, 4.8345

Details

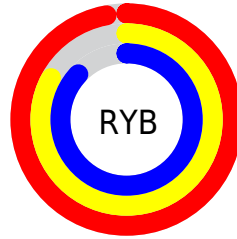
The XYZ color **75.3060, 72.2639, 78.3859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3016, 87.3656, 94.5073**, and the grayscale version is **70.7036, 74.3857, 81.0060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4258, 37.9435, 41.2695** is the 20% darker color. If you saturate the color by 10%, you get **67.2338, 59.8679, 64.1373**, and if you desaturate by 10%, it is **84.6091, 86.6805, 94.4014**.

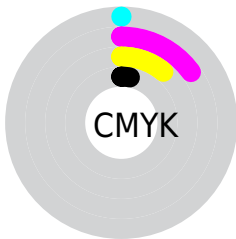
Distribution



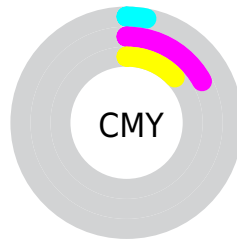
- Red (97%)
- Green (83%)
- Blue (87%)



- Red (97%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3060, 72.2639, 78.3859 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 75.3060, 72.2639, 78.3859 by changing the saturation by 10% instead.

 75.3060, 72.2639,
78.3859

 75.3060, 72.2639,
78.3859


467.9497,
468.4596, 509.0390

 56.1587, 53.3743,
57.8727


125.7310,
122.4317, 132.8848

 40.5677, 38.1016,
41.2923


157.7394,
154.4786, 167.7076

 28.1676, 26.0616,
28.2261


194.7655,
191.6801, 208.1373

 18.5931, 16.8697,
18.2557

237.1748,
234.4205, 254.5925

 11.4789, 10.1416,
10.9624

285.3324,
283.0843, 307.4917

 6.4596, 5.4930,
5.9277

339.6039,

 3.1698, 2.5393,

338.0558, 367.2535

2.7331

400.3545,
399.7194, 434.2965

■ 1.2442, 0.8963,
0.9600

■ 0.1408, 0.0000,
0.0000

■ 75.3060, 72.2639,
78.3859

■ 75.3060, 72.2639,
78.3859

■ 67.2338, 59.8679,
64.1373

■ 84.6091, 86.6805,
94.4014

■ 60.3341, 49.3927,
51.5896

■ 92.5217, 98.6966,
108.7817

■ 54.5530, 40.7443,
40.6794

■ 49.8297, 33.8174,
31.3374

■ 46.0975, 28.4952,
23.4892

■ 43.2819, 24.6469,
17.0538

■ 41.2969, 22.1205,
11.9422

■ 40.0392, 20.7305,
8.0533

■ 39.5806, 20.3042,
6.3872

Harmonies

Analogous

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



74.4501, 72.2639, 87.9600



75.3060, 72.2639, 78.3859



74.3405, 72.2639, 69.6065

Triad

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



75.3060, 72.2639, 78.3859



65.4376, 72.2639, 63.9410



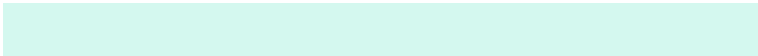
65.6120, 72.2639, 95.8720

Complementary

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



75.3060, 72.2639, 78.3859



76.3016, 87.3656, 94.5073

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.



63.3233, 72.2639, 88.5163



75.3060, 72.2639, 78.3859



63.2249, 72.2639, 70.0826

Square

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



75.3060, 72.2639, 78.3859



68.5808, 72.2639, 61.6934



62.4633, 72.2639, 78.9811



68.7886, 72.2639, 98.5364

Rectangle

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



75.3060, 72.2639, 78.3859



72.8113, 72.2639, 65.2544



62.4633, 72.2639, 78.9811



64.7170, 72.2639, 93.8382

Sweetspot

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



75.3080, 72.2671, 78.3874



90.6744, 93.1808, 101.4850



76.0857, 72.2184, 98.7371



19.2372, 19.6787, 21.4310



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

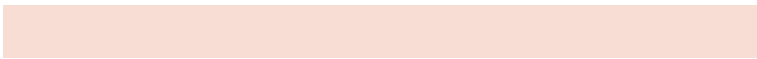
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3080, 72.2671, 78.3874



77.9458, 73.4721, 79.5209



76.4538, 76.4258, 73.0134



17.4225, 17.2964, 18.8147



21.4282, 10.9870, 3.6974



2.0251, 1.0338, 0.5558

Inverse Universe

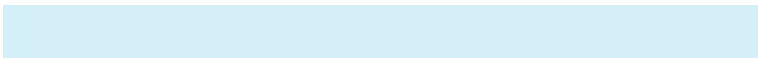
The Inverse Universe completely reimagines the original color for something new.



75.3080, 72.2671, 78.3874



77.9458, 73.4721, 79.5209



74.9637, 82.5096, 100.7826



17.4225, 17.2964, 18.8147



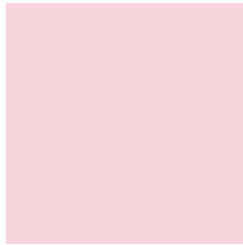
21.4282, 10.9870, 3.6974



2.0251, 1.0338, 0.5558

Previews

White Background



This preview shows how the XYZ color 75.3060, 72.2639, 78.3859 looks on a white background.

Color Contrast Check

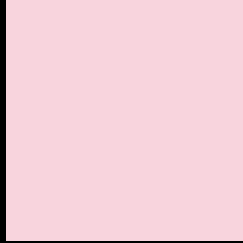
Large Text (above 18pt) WCAG AA × Fail

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 75.3060, 72.2639, 78.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

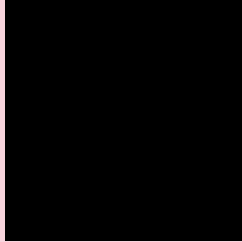
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3060, 72.2639, 78.3859

Background



This preview shows how black text looks on a background with the XYZ color 75.3060, 72.2639, 78.3859.

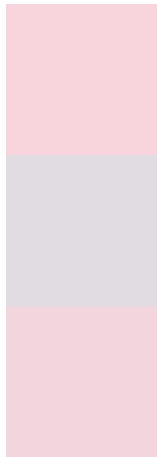


This preview shows how white text looks on a background with the XYZ color 75.3060, 72.2639,

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

75.3060, 72.2639, 78.3859

Protanopia

70.0611, 72.5247, 82.2576

Deuteranopia

74.0599, 72.3683, 78.4717



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

75.3060, 72.2639, 78.3859

Protanomaly

71.8717, 72.3312, 80.6943

Deuteranomaly

74.5016, 72.2214, 78.4201

Tritanomaly

75.9518, 72.1645, 81.1602

Monochromacy



Original Color

75.3060, 72.2639, 78.3859

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5168, 73.8378, 80.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3060, 72.2639, 78.3859 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(248, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 221)  
}
```

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(248, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.3060, 72.2639, 78.3859 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(248, 212, 221) }
```


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

```
.border{ border-color:rgb(248, 212, 221) }
```

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

Here you see how a box with a 4 pixel rgb(248, 212, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3060, 72.2639, 78.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 221) }
```

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

```
.background{ background-color: rgb(248,  
212, 221) }
```

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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