

Converting Colors

$Yxy(72.8236, 0.3199, 0.2996)$

Have a look what the booklet for
Yxy(72.8236, 0.3199, 0.2996)
contains.

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Color

Yxy(72.8363, 0.3199, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F0
RGB	248, 211, 240
RGB Percent	97%, 83%, 94%
CMY	0.0276, 0.1724, 0.0589
CMYK	0.00, 0.15, 0.03, 0.03
HSL	313°, 72%, 90%
HSV	313°, 15%, 97%
XYZ	77.7196, 72.8363, 92.3937
YIQ	225.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

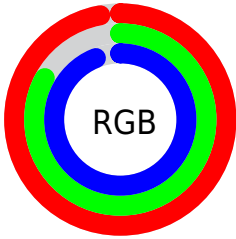
Format	Color
R _Y B	248, 211, 240
Decimal	16307184
CIE Lab	88.37, 17.69, -9.40
CIE LCh	88, 20.030, 332.014
Yxy	72.8363, 0.3199, 0.2998
Android (android.graphics.Color)	4294497264 (0xFFF8D3F0)
YUV	225.3690, 7.2131, 19.8474
Hunter-Lab	85.3442, 13.2006, -4.4465

Details

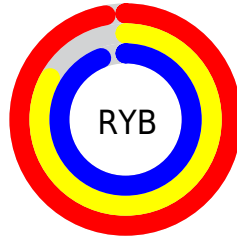
The Yxy color **72.8363, 0.3199, 0.2998** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.0710, 0.3063, 0.3601**, and the grayscale version is **75.5133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3140, 0.3211, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **61.1403, 0.3257, 0.2795**, and if you desaturate by 10%, it is **86.4483, 0.3149, 0.3196**.

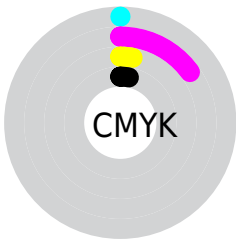
Distribution



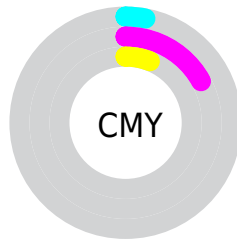
- Red (97%)
- Green (83%)
- Blue (94%)



- Red (97%)
- Yellow (83%)
- Blue (94%)



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





- Cyan (3%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8363, 0.3199, 0.2998 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 Yxy color 72.8363, 0.3199, 0.2998 by changing the saturation by 10% instead.


 72.8363, 0.3199,
0.2998

 72.8363, 0.3199,
0.2998


470.4473, 0.3167,
0.3130

 53.8421, 0.3206,
0.2969


123.2448, 0.3188,
0.3043

 38.4755, 0.3214,
0.2933

155.4279, 0.3184,
0.3061

 26.3519, 0.3225,
0.2888


192.7761, 0.3180,
0.3076

 17.0871, 0.3238,
0.2830

235.6738, 0.3177,
0.3090

 10.2966, 0.3255,
0.2753

284.5053, 0.3174,
0.3102

 5.5961, 0.3278,
0.2645

339.6552, 0.3172,

 2.6011, 0.3311,

0.3112

0.2483

401.5077, 0.3169,
0.3121

0.9272, 0.3361,
0.2217

0.0000, 0.3610,
0.0000

72.8363, 0.3199,
0.2998

72.8363, 0.3199,
0.2998

61.1403, 0.3257,
0.2795

86.4483, 0.3149,
0.3196

51.2638, 0.3322,
0.2592

98.4125, 0.3108,
0.3332

43.1163, 0.3396,
0.2399

98.6875, 0.3084,
0.3290

36.5959, 0.3475,
0.2223

■ 31.5899, 0.3560,
0.2077

■ 27.9711, 0.3646,
0.1969

■ 25.5914, 0.3732,
0.1907

■ 24.2691, 0.3815,
0.1892

■ 23.8655, 0.3856,
0.1898

Harmonies

Analogous

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



72.8363, 0.2958, 0.2901



72.8363, 0.3199, 0.2998



72.8363, 0.3428, 0.3165

Triad

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



72.8363, 0.3199, 0.2998



72.8363, 0.3490, 0.3689



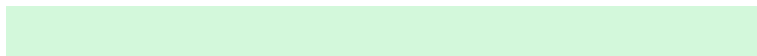
72.8363, 0.2697, 0.3185

Complementary

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



72.8363, 0.3199, 0.2998



86.0710, 0.3063, 0.3601

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.



72.8363, 0.2829, 0.3412



72.8363, 0.3199, 0.2998



72.8363, 0.3285, 0.3713

Square

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



72.8363, 0.3199, 0.2998



72.8363, 0.3599, 0.3559



72.8363, 0.3043, 0.3611



72.8363, 0.2675, 0.2999

Rectangle

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



72.8363, 0.3199, 0.2998



72.8363, 0.3540, 0.3299



72.8363, 0.3043, 0.3611



72.8363, 0.2730, 0.3259

Sweetspot

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



72.8395, 0.3199, 0.2998



93.5231, 0.3145, 0.3213



68.3442, 0.2936, 0.2897



19.7653, 0.3148, 0.3199



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



72.8395, 0.3199, 0.2998



73.5091, 0.3216, 0.2935



71.8281, 0.3326, 0.3177



17.4567, 0.3171, 0.3106



12.9195, 0.3844, 0.1891



1.2119, 0.3753, 0.1841

Inverse Universe

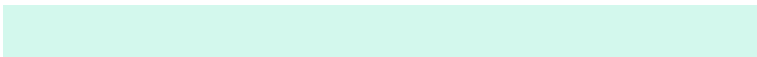
The Inverse Universe completely reimagines the original color for something new.



72.8395, 0.3199, 0.2998



73.5091, 0.3216, 0.2935



87.0644, 0.2961, 0.3406



17.4567, 0.3171, 0.3106



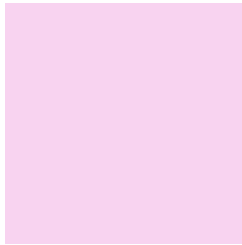
12.9195, 0.3844, 0.1891



1.2119, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 72.8363, 0.3199, 0.2998 looks on a white background.

Color Contrast Check

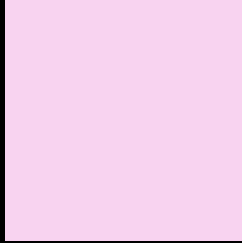
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.8363, 0.3199, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

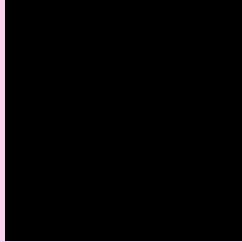
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8363, 0.3199, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 72.8363, 0.3199, 0.2998.



This preview shows how white text looks on a background with the Yxy color 72.8363, 0.3199, 0.2998.

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

72.8363, 0.3199, 0.2998

Protanopia

72.9003, 0.2954, 0.3014

Deuteranopia

73.1766, 0.3117, 0.3052



Tritanopia

72.8385, 0.3260, 0.3127

Trichromacy



Original Color

72.8363, 0.3199, 0.2998

Protanomaly

72.9804, 0.3042, 0.3009

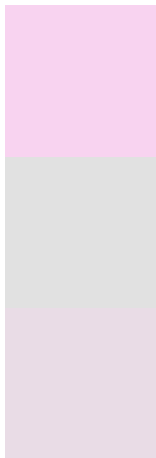
Deuteranomaly

72.8504, 0.3146, 0.3034

Tritanomaly

72.7443, 0.3240, 0.3077

Monochromacy



Original Color

72.8363, 0.3199, 0.2998

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.2232, 0.3153, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8363, 0.3199, 0.2998 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, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 240)  
}
```

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, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 240) }
```

Border

The CSS property to change the border of an element to Yxy 72.8363, 0.3199, 0.2998 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, 211, 240) }
```

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

```
.border{ border-color:rgb(248, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8363, 0.3199, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 240) }
```

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

```
.background{ background-color: rgb(248,  
211, 240) }
```

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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