

Converting Colors

$Yxy(73.4318, 0.3211, 0.3000)$

Have a look what the booklet for
Yxy(73.4318, 0.3211, 0.3000)
contains.

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Color

Yxy(73.2038, 0.3214, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FAD3F0
RGB	250, 211, 240
RGB Percent	98%, 83%, 94%
CMY	0.0195, 0.1726, 0.0588
CMYK	0.00, 0.16, 0.04, 0.02
HSL	315°, 80%, 90%
HSV	315°, 16%, 98%
XYZ	78.4518, 73.2038, 92.4384
YIQ	225.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

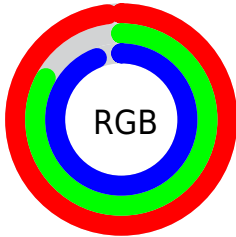
Format	Color
R _Y B	250, 211, 240
Decimal	16438256
CIE Lab	88.54, 18.40, -9.13
CIE LCh	89, 20.536, 333.611
Yxy	73.2038, 0.3214, 0.2999
Android (android.graphics.Color)	4294628336 (0xFFFA _{D3} F0)
YUV	225.9670, 6.9183, 21.0769
Hunter-Lab	85.5592, 13.9434, -4.1656

Details

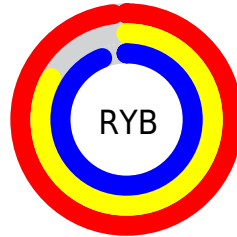
The Yxy color **73.2038, 0.3214, 0.2999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.4515, 0.3050, 0.3600**, and the grayscale version is **75.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5751, 0.3231, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **61.3611, 0.3282, 0.2805**, and if you desaturate by 10%, it is **86.9983, 0.3156, 0.3188**.

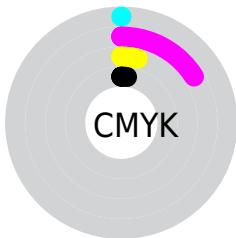
Distribution



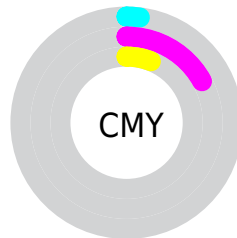
- Red (98%)
- Green (83%)
- Blue (94%)



- Red (98%)
- Yellow (83%)
- Blue (94%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2038, 0.3214, 0.2999 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 73.2038, 0.3214, 0.2999 by changing the saturation by 10% instead.


 73.2038, 0.3214,
0.2999

 73.2038, 0.3214,
0.2999

471.7208, 0.3175,
0.3130

 54.1426, 0.3222,
0.2970


123.7665, 0.3201,
0.3044

 38.7157, 0.3233,
0.2934


156.0368, 0.3196,
0.3062

 26.5386, 0.3246,
0.2889


193.4789, 0.3191,
0.3077

 17.2270, 0.3262,
0.2832

236.4773, 0.3187,
0.3090

 10.3965, 0.3283,
0.2755

285.4163, 0.3184,
0.3102

 5.6626, 0.3312,
0.2649

340.6802, 0.3181,

 2.6410, 0.3355,

0.3113

0.2489

402.6536, 0.3178,
0.3122

0.9473, 0.3421,
0.2225

0.0000, 0.3901,
0.0000

73.2038, 0.3214,
0.2999

73.2038, 0.3214,
0.2999

61.3611, 0.3282,
0.2805

86.9983, 0.3156,
0.3188

51.3715, 0.3359,
0.2612

98.9285, 0.3109,
0.3311

43.1419, 0.3446,
0.2427

99.0672, 0.3096,
0.3290

36.5675, 0.3542,
0.2261

■ 31.5324, 0.3645,
0.2123

■ 27.9054, 0.3751,
0.2024

■ 25.5335, 0.3857,
0.1972

■ 24.2273, 0.3959,
0.1969

■ 23.8674, 0.4003,
0.1979

Harmonies

Analogous

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



73.2038, 0.2966, 0.2896



73.2038, 0.3214, 0.2999



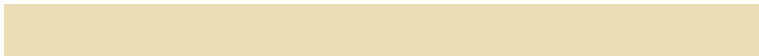
73.2038, 0.3446, 0.3173

Triad

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



73.2038, 0.3214, 0.2999



73.2038, 0.3490, 0.3703



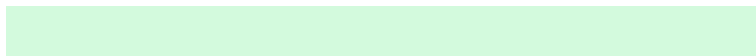
73.2038, 0.2683, 0.3170

Complementary

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



73.2038, 0.3214, 0.2999



87.4515, 0.3050, 0.3600

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.



73.2038, 0.2812, 0.3402



73.2038, 0.3214, 0.2999



73.2038, 0.3275, 0.3721

Square

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



73.2038, 0.3214, 0.2999



73.2038, 0.3608, 0.3574



73.2038, 0.3028, 0.3610



73.2038, 0.2667, 0.2984

Rectangle

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



73.2038, 0.3214, 0.2999



73.2038, 0.3557, 0.3310



73.2038, 0.3028, 0.3610



73.2038, 0.2714, 0.3246

Sweetspot

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



73.2070, 0.3214, 0.2999



91.9243, 0.3153, 0.3199



68.8248, 0.2939, 0.2878



19.4419, 0.3156, 0.3186



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.



73.2070, 0.3214, 0.2999



72.1131, 0.3236, 0.2933



72.1226, 0.3351, 0.3191



17.4440, 0.3177, 0.3115



12.6827, 0.3987, 0.1970



1.1918, 0.3874, 0.1908

Inverse Universe

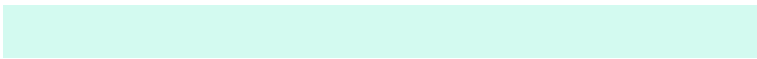
The Inverse Universe completely reimagines the original color for something new.



73.2070, 0.3214, 0.2999



72.1131, 0.3236, 0.2933



88.5376, 0.2943, 0.3392



17.4440, 0.3177, 0.3115



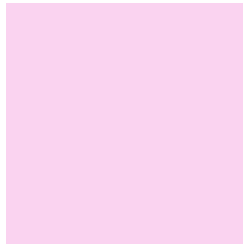
12.6827, 0.3987, 0.1970



1.1918, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 73.2038, 0.3214, 0.2999 looks on a white background.

Color Contrast Check

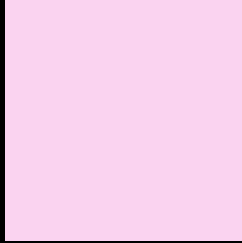
Large Text (above 18pt) WCAG AA × Fail

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 73.2038, 0.3214, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

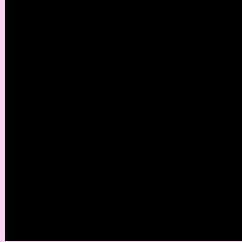
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2038, 0.3214, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 73.2038, 0.3214, 0.2999.



This preview shows how white text looks on a background with the Yxy color 73.2038, 0.3214, 0.2999.

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

73.2038, 0.3214, 0.2999

Protanopia

73.4268, 0.2954, 0.3025

Deuteranopia

73.1766, 0.3117, 0.3052



Tritanopia

73.3854, 0.3282, 0.3128

Trichromacy



Original Color

73.2038, 0.3214, 0.2999

Protanomaly

72.9804, 0.3042, 0.3009

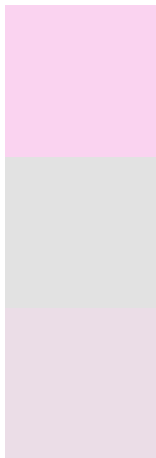
Deuteranomaly

73.0259, 0.3154, 0.3034

Tritanomaly

73.1099, 0.3255, 0.3078

Monochromacy



Original Color

73.2038, 0.3214, 0.2999

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1446, 0.3160, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2038, 0.3214, 0.2999 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(250, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 211, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.2038, 0.3214, 0.2999 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(250, 211, 240) }
```

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

```
.border{ border-color:rgb(250, 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(250, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 211,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2038, 0.3214, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 211, 240) }
```

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

```
.background{ background-color: rgb(250,  
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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