

Converting Colors

Yxy(73.1393, 0.3173, 0.2966)

Have a look what the booklet for
Yxy(73.1393, 0.3173, 0.2966)
contains.

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Color

Yxy(73.0766, 0.3172, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F4
RGB	248, 211, 244
RGB Percent	97%, 83%, 96%
CMY	0.0274, 0.1725, 0.0432
CMYK	0.00, 0.15, 0.02, 0.03
HSL	307°, 73%, 90%
HSV	307°, 15%, 97%
XYZ	78.3369, 73.0766, 95.5503
YIQ	225.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

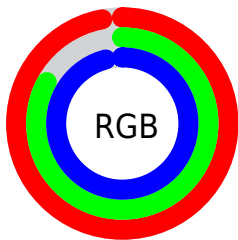
Format	Color
R _Y B	248, 211, 244
Decimal	16307188
CIE Lab	88.48, 18.43, -11.33
CIE LCh	88, 21.634, 328.408
Yxy	73.0766, 0.3172, 0.2959
Android (android.graphics.Color)	4294497268 (0xFFFF8D3F4)
YUV	225.8250, 8.9603, 19.4475
Hunter-Lab	85.4849, 13.9760, -6.4317

Details

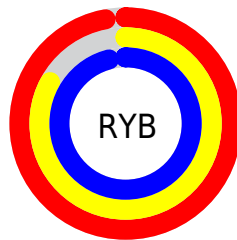
The Yxy color **73.0766, 0.3172, 0.2959** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.9031, 0.3085, 0.3645**, and the grayscale version is **75.8508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4841, 0.3175, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **61.5295, 0.3207, 0.2731**, and if you desaturate by 10%, it is **86.5336, 0.3141, 0.3183**.

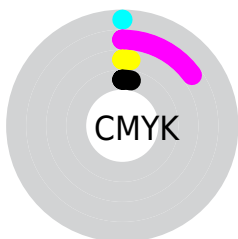
Distribution



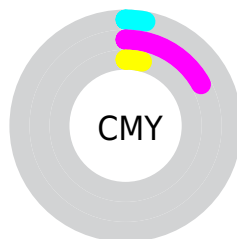
- Red (97%)
- Green (83%)
- Blue (96%)



- Red (97%)
- Yellow (83%)
- Blue (96%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0766, 0.3172, 0.2959 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 73.0766, 0.3172, 0.2959 by changing the saturation by 10% instead.


 73.0766, 0.3172,
0.2959

 73.0766, 0.3172,
0.2959

471.2803, 0.3153,
0.3108

 54.0386, 0.3176,
0.2926


123.5859, 0.3166,
0.3010

 38.6325, 0.3180,
0.2886


155.8261, 0.3163,
0.3030

 26.4740, 0.3186,
0.2835


193.2357, 0.3161,
0.3047

 17.1786, 0.3193,
0.2771

236.1993, 0.3159,
0.3062

 10.3619, 0.3201,
0.2685

285.1011, 0.3157,
0.3076

 5.6395, 0.3211,
0.2565


340.3256, 0.3156,


 2.6272, 0.3223,

0.3088


402.2572, 0.3154,
0.3098


0.2388


 0.9403, 0.3234,
0.2100


 0.0000, 0.3226,
0.0000


 73.0766, 0.3172,
0.2959


 73.0766, 0.3172,
0.2959


 61.5295, 0.3207,
0.2731


 86.5336, 0.3141,
0.3183


 51.7959, 0.3245,
0.2507

 98.3436, 0.3116,
0.3344

 43.7854, 0.3286,
0.2293

 98.5139, 0.3101,
0.3318

 37.3958, 0.3328,
0.2102

 98.6866, 0.3085,
0.3292

■ 32.5145, 0.3372,
0.1941

■ 98.6997, 0.3084,
0.3290

■ 29.0142, 0.3414,
0.1820

■ 26.7469, 0.3455,
0.1744

■ 25.5304, 0.3492,
0.1712

■ 25.1795, 0.3510,
0.1707

Harmonies

Analogous

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



73.0766, 0.2915, 0.2866



73.0766, 0.3172, 0.2959



73.0766, 0.3426, 0.3131

Triad

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



73.0766, 0.3172, 0.2959



73.0766, 0.3539, 0.3709



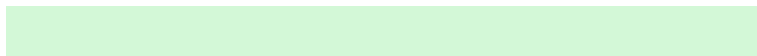
73.0766, 0.2675, 0.3204

Complementary

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



73.0766, 0.3172, 0.2959



85.9031, 0.3085, 0.3645

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.



73.0766, 0.2830, 0.3451



73.0766, 0.3172, 0.2959



73.0766, 0.3327, 0.3751

Square

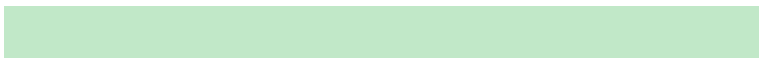
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



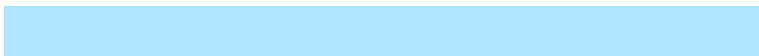
73.0766, 0.3172, 0.2959



73.0766, 0.3642, 0.3557



73.0766, 0.3066, 0.3657



73.0766, 0.2637, 0.2995

Rectangle

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



73.0766, 0.3172, 0.2959



73.0766, 0.3555, 0.3272



73.0766, 0.3066, 0.3657



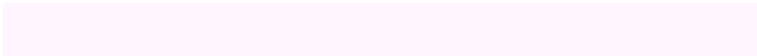
73.0766, 0.2715, 0.3285

Sweetspot

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



73.0798, 0.3172, 0.2959



93.5925, 0.3138, 0.3203



67.7700, 0.2910, 0.2893



19.7829, 0.3141, 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.



73.0798, 0.3172, 0.2959



73.8120, 0.3182, 0.2889



72.0296, 0.3300, 0.3139



17.4901, 0.3155, 0.3081



13.6127, 0.3505, 0.1704



1.2698, 0.3465, 0.1682

Inverse Universe

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



73.0798, 0.3172, 0.2959



73.8120, 0.3182, 0.2889



86.8902, 0.2982, 0.3446



17.4901, 0.3155, 0.3081



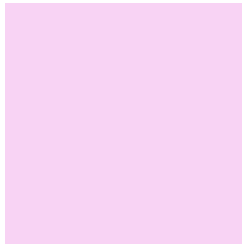
13.6127, 0.3505, 0.1704



1.2698, 0.3465, 0.1682

Previews

White Background



This preview shows how the Yxy color 73.0766, 0.3172, 0.2959 looks on a white background.

Color Contrast Check

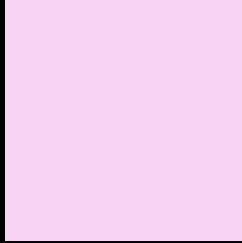
Large Text (above 18pt) WCAG AA × Fail

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 73.0766, 0.3172, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

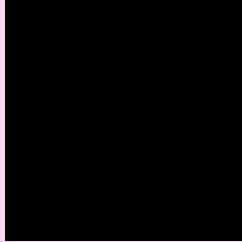
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0766, 0.3172, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 73.0766, 0.3172, 0.2959.



This preview shows how white text looks on a background with the Yxy color 73.0766, 0.3172, 0.2959.

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

73.0766, 0.3172, 0.2959

Protanopia

73.5205, 0.2923, 0.2984

Deuteranopia

73.0752, 0.3076, 0.3011



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

73.0766, 0.3172, 0.2959

Protanomaly

73.0610, 0.3009, 0.2968

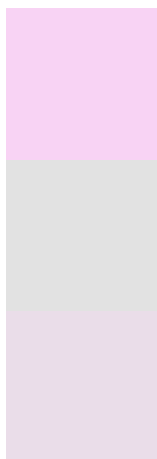
Deuteranomaly

72.9149, 0.3112, 0.2993

Tritanomaly

72.8593, 0.3226, 0.3057

Monochromacy



Original Color

73.0766, 0.3172, 0.2959

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0885, 0.3140, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0766, 0.3172, 0.2959 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.0766, 0.3172, 0.2959 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, 244) }
```

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

```
.border{ border-color:rgb(248, 211, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0766, 0.3172, 0.2959 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, 244) }
```

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

```
.background{ background-color: rgb(248,  
211, 244) }
```

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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