

Converting Colors

Yxy(85.4846, 0.3679, 0.3092)

Have a look what the booklet for
Yxy(85.4846, 0.3679, 0.3092)
contains.

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Color

Yxy(74.2875, 0.3292, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4EA
RGB	255, 212, 234
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1686, 0.0824
CMYK	0.00, 0.17, 0.08, 0.00
HSL	329°, 100%, 92%
HSV	329°, 17%, 100%
XYZ	79.6335, 74.2875, 87.9790
YIQ	227.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

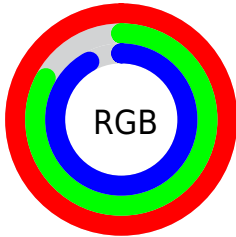
Format	Color
R _Y B	255, 212, 234
Decimal	16766186
CIE Lab	89.06, 18.53, -5.15
CIE LCh	89, 19.228, 344.474
Yxy	74.2875, 0.3292, 0.3071
Android (android.graphics.Color)	4294956266 (0xFFFFD4EA)
YUV	227.3650, 3.2711, 24.2359
Hunter-Lab	86.1902, 14.0882, -0.1874

Details

The Yxy color $74.2875, 0.3292, 0.3071$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.4014, 0.2989, 0.3520$, and the grayscale version is $77.0629, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3341, 0.3333, 0.3022$ is the 20% darker color. If you saturate the color by 10%, you get $61.8410, 0.3417, 0.2934$, and if you desaturate by 10%, it is $88.8042, 0.3188, 0.3203$.

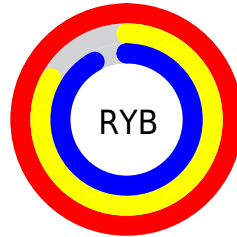
Distribution



Red (100%)

Green (83%)

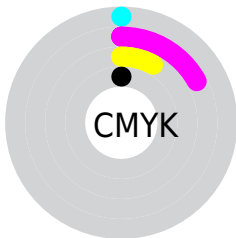
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

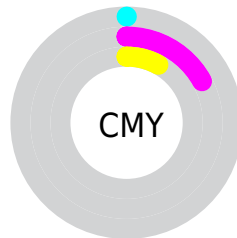


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2875, 0.3292, 0.3071 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 74.2875, 0.3292, 0.3071 by changing the saturation by 10% instead.


 74.2875, 0.3292,
0.3071

 74.2875, 0.3292,
0.3071

475.4650, 0.3217,
0.3170

 55.0294, 0.3309,
0.3049


125.3033, 0.3266,
0.3105

 39.4252, 0.3330,
0.3022


157.8297, 0.3256,
0.3118

 27.0907, 0.3356,
0.2988

195.5477, 0.3247,
0.3130

 17.6414, 0.3390,
0.2944

238.8417, 0.3240,
0.3140

 10.6928, 0.3435,
0.2885

288.0960, 0.3233,
0.3149

 5.8607, 0.3500,
0.2802

343.6951, 0.3227,

 2.7605, 0.3599,

0.3157

0.2677

406.0233, 0.3222,
0.3164

■ 1.0080, 0.3769,
0.2466

■ 0.0000, 0.5891,
0.0000

■ 74.2875, 0.3292,
0.3071

■ 74.2875, 0.3292,
0.3071

■ 61.8410, 0.3417,
0.2934

■ 88.8042, 0.3188,
0.3203

■ 51.3596, 0.3566,
0.2796

99.9998, 0.3127,
0.3290

■ 42.7437, 0.3740,
0.2664

■ 35.8809, 0.3941,
0.2548

■ 30.6468, 0.4163,
0.2460

■ 26.9003, 0.4402,
0.2413

■ 24.4759, 0.4645,
0.2417

■ 23.1641, 0.4880,
0.2476

■ 22.8828, 0.4952,
0.2502

Harmonies

Analogous

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



74.2875, 0.3058, 0.2947



74.2875, 0.3292, 0.3071



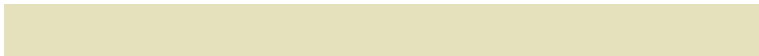
74.2875, 0.3486, 0.3250

Triad

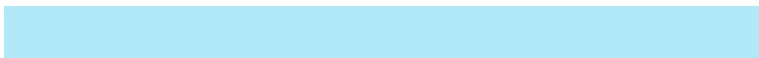
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2875, 0.3292, 0.3071



74.2875, 0.3401, 0.3694



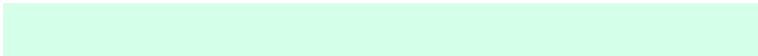
74.2875, 0.2694, 0.3109

Complementary

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



74.2875, 0.3292, 0.3071



91.4014, 0.2989, 0.3520

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.



74.2875, 0.2779, 0.3316



74.2875, 0.3292, 0.3071



74.2875, 0.3183, 0.3666

Square

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



74.2875, 0.3292, 0.3071



74.2875, 0.3548, 0.3609



74.2875, 0.2956, 0.3525



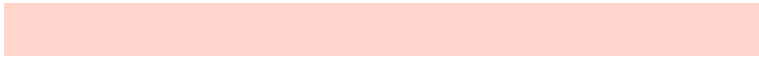
74.2875, 0.2720, 0.2961

Rectangle

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



74.2875, 0.3292, 0.3071



74.2875, 0.3563, 0.3381



74.2875, 0.2956, 0.3525



74.2875, 0.2710, 0.3173

Sweetspot

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



74.2908, 0.3292, 0.3071



91.7385, 0.3171, 0.3227



71.5984, 0.2991, 0.2850



19.3966, 0.3177, 0.3218



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.



74.2908, 0.3292, 0.3071



70.1636, 0.3329, 0.3028



73.1406, 0.3446, 0.3284



18.1422, 0.3214, 0.3169



11.9871, 0.4916, 0.2482



1.1892, 0.4668, 0.2345

Inverse Universe

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



74.2908, 0.3292, 0.3071



70.1636, 0.3329, 0.3028



92.6915, 0.2875, 0.3297



18.1422, 0.3214, 0.3169



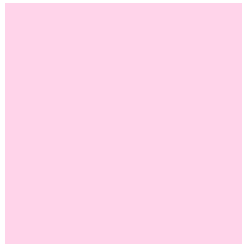
11.9871, 0.4916, 0.2482



1.1892, 0.4668, 0.2345

Previews

White Background



This preview shows how the Yxy color 74.2875, 0.3292, 0.3071 looks on a white background.

Color Contrast Check

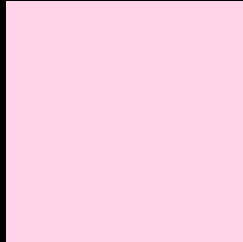
Large Text (above 18pt) WCAG AA × Fail

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 74.2875, 0.3292, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

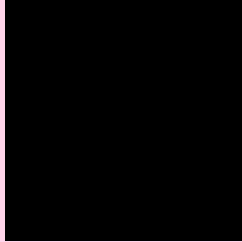
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2875, 0.3292, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 74.2875, 0.3292, 0.3071.



This preview shows how white text looks on a background with the Yxy color 74.2875, 0.3292, 0.3071.

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

74.2875, 0.3292, 0.3071

Protanopia

74.7546, 0.3018, 0.3110

Deuteranopia

74.2097, 0.3192, 0.3126



Tritanopia

74.3165, 0.3319, 0.3130

Trichromacy



Original Color

74.2875, 0.3292, 0.3071

Protanomaly

74.4982, 0.3115, 0.3093

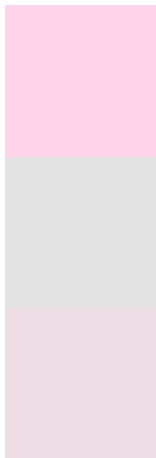
Deuteranomaly

74.0769, 0.3230, 0.3107

Tritanomaly

74.4289, 0.3305, 0.3110

Monochromacy



Original Color

74.2875, 0.3292, 0.3071

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9602, 0.3181, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2875, 0.3292, 0.3071 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(255, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 234)  
}
```

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(255, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.2875, 0.3292, 0.3071 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(255, 212, 234) }
```

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

```
.border{ border-color:rgb(255, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2875, 0.3292, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 234) }
```

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

```
.background{ background-color: rgb(255,  
212, 234) }
```

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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