

Converting Colors

$Y_{xy}(74.1850, 0.3283, 0.3055)$

Have a look what the booklet for
Yxy(74.1850, 0.3283, 0.3055)
contains.

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Color

Yxy(74.3451, 0.3285, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4EB
RGB	255, 212, 235
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1686, 0.0784
CMYK	0.00, 0.17, 0.08, 0.00
HSL	328°, 100%, 92%
HSV	328°, 17%, 100%
XYZ	79.7856, 74.3451, 88.7478
YIQ	227.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

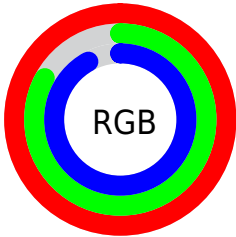
Format	Color
R _Y B	255, 212, 235
Decimal	16766187
CIE Lab	89.09, 18.71, -5.64
CIE LCh	89, 19.541, 343.222
Yxy	74.3451, 0.3285, 0.3061
Android (android.graphics.Color)	4294956267 (0xFFFFD4EB)
YUV	227.4790, 3.7079, 24.1359
Hunter-Lab	86.2236, 14.2807, -0.6692

Details

The Yxy color **74.3451, 0.3285, 0.3061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3421, 0.2995, 0.3531**, and the grayscale version is **77.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3744, 0.3324, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **61.9236, 0.3404, 0.2918**, and if you desaturate by 10%, it is **88.8235, 0.3185, 0.3199**.

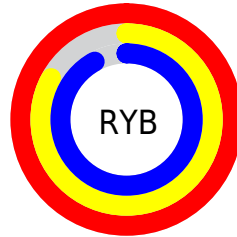
Distribution



Red (100%)

Green (83%)

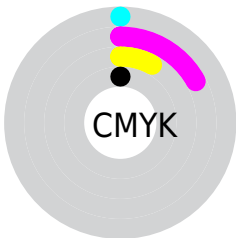
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

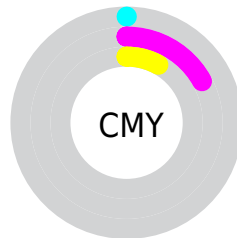


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3451, 0.3285, 0.3061 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 74.3451, 0.3285, 0.3061 by changing the saturation by 10% instead.


 74.3451, 0.3285,
0.3061

 74.3451, 0.3285,
0.3061


475.6636, 0.3213,
0.3165

 55.0765, 0.3301,
0.3038

125.3849, 0.3260,
0.3097

 39.4630, 0.3321,
0.3010


157.9249, 0.3251,
0.3110

 27.1201, 0.3346,
0.2974


195.6575, 0.3242,
0.3123

 17.6634, 0.3378,
0.2928

238.9672, 0.3235,
0.3133

 10.7086, 0.3421,
0.2867

288.2382, 0.3229,
0.3142

 5.8713, 0.3483,
0.2781

343.8550, 0.3223,

 2.7670, 0.3576,

0.3151

0.2652

406.2020, 0.3218,
0.3158

■ 1.0113, 0.3735,
0.2435

■ 0.0000, 0.5592,
0.0000

■ 74.3451, 0.3285,
0.3061

■ 74.3451, 0.3285,
0.3061

■ 61.9236, 0.3404,
0.2918

■ 88.8235, 0.3185,
0.3199

■ 51.4669, 0.3545,
0.2774

100.0000, 0.3127,
0.3290

■ 42.8712, 0.3710,
0.2637

■ 36.0244, 0.3899,
0.2515

■ 30.8023, 0.4109,
0.2422

■ 27.0637, 0.4332,
0.2369

■ 24.6434, 0.4561,
0.2368

■ 23.3322, 0.4781,
0.2421

■ 23.0506, 0.4850,
0.2445

Harmonies

Analogous

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



74.3451, 0.3048, 0.2938



74.3451, 0.3285, 0.3061



74.3451, 0.3485, 0.3241

Triad

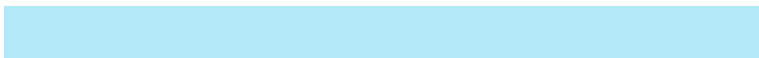
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3451, 0.3285, 0.3061



74.3451, 0.3413, 0.3699



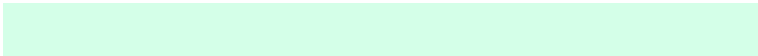
74.3451, 0.2689, 0.3113

Complementary

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



74.3451, 0.3285, 0.3061



91.3421, 0.2995, 0.3531

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.



74.3451, 0.2779, 0.3325



74.3451, 0.3285, 0.3061



74.3451, 0.3193, 0.3676

Square

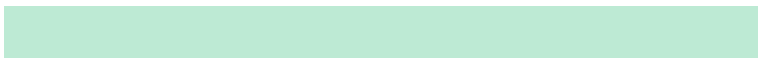
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



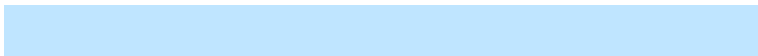
74.3451, 0.3285, 0.3061



74.3451, 0.3559, 0.3608



74.3451, 0.2962, 0.3536



74.3451, 0.2710, 0.2961

Rectangle

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



74.3451, 0.3285, 0.3061



74.3451, 0.3566, 0.3374



74.3451, 0.2962, 0.3536



74.3451, 0.2707, 0.3180

Sweetspot

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



74.3441, 0.3285, 0.3061



91.7573, 0.3169, 0.3224



71.3524, 0.2981, 0.2849



19.4012, 0.3175, 0.3215



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.



74.3441, 0.3285, 0.3061



70.2317, 0.3320, 0.3016



73.2080, 0.3436, 0.3269



18.1496, 0.3210, 0.3164



12.0749, 0.4815, 0.2426



1.1978, 0.4581, 0.2297

Inverse Universe

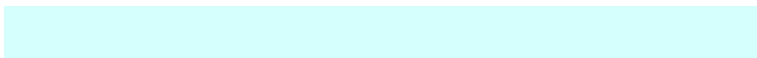
The Inverse Universe completely reimagines the original color for something new.



74.3441, 0.3285, 0.3061



70.2317, 0.3320, 0.3016



92.5989, 0.2883, 0.3311



18.1496, 0.3210, 0.3164



12.0749, 0.4815, 0.2426



1.1978, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 74.3451, 0.3285, 0.3061 looks on a white background.

Color Contrast Check

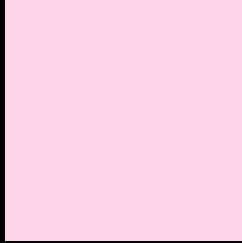
Large Text (above 18pt) WCAG AA × Fail

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 74.3451, 0.3285, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

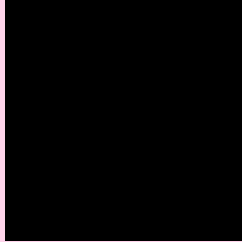
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3451, 0.3285, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 74.3451, 0.3285, 0.3061.

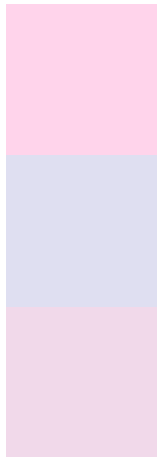


This preview shows how white text looks on a background with the Yxy color 74.3451, 0.3285, 0.3061.

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

74.3451, 0.3285, 0.3061

Protanopia

74.8142, 0.3012, 0.3100

Deuteranopia

74.2670, 0.3186, 0.3115



Tritanopia

74.3725, 0.3312, 0.3120

Trichromacy



Original Color

74.3451, 0.3285, 0.3061

Protanomaly

74.5572, 0.3109, 0.3083

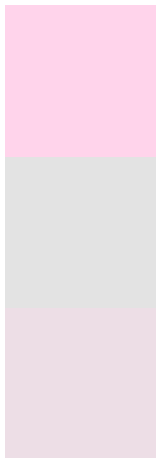
Deuteranomaly

74.1342, 0.3223, 0.3097

Tritanomaly

74.4855, 0.3298, 0.3100

Monochromacy



Original Color

74.3451, 0.3285, 0.3061

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 74.3451, 0.3285, 0.3061 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 235) }
```

Border

The CSS property to change the border of an element to Yxy 74.3451, 0.3285, 0.3061 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, 235) }
```

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

```
.border{ border-color:rgb(255, 212, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3451, 0.3285, 0.3061 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
212, 235) }
```

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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