

Converting Colors

$Y_{xy}(74.9309, 0.3275, 0.3059)$

Have a look what the booklet for
Yxy(74.9309, 0.3275, 0.3059)
contains.

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Color

Yxy(74.9046, 0.3277, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5EC
RGB	255, 213, 236
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1648, 0.0744
CMYK	0.00, 0.16, 0.07, 0.00
HSL	327°, 100%, 92%
HSV	327°, 16%, 100%
XYZ	80.1903, 74.9046, 89.6114
YIQ	228.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

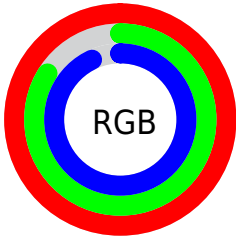
Format	Color
R _Y B	255, 213, 236
Decimal	16766444
CIE Lab	89.35, 18.37, -5.79
CIE LCh	89, 19.263, 342.503
Yxy	74.9046, 0.3277, 0.3061
Android (android.graphics.Color)	4294956524 (0xFFFFD5EC)
YUV	228.1800, 3.8553, 23.5211
Hunter-Lab	86.5474, 13.9306, -0.8058

Details

The Yxy color **74.9046, 0.3277, 0.3061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.4876, 0.3001, 0.3531**, and the grayscale version is **77.6784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7548, 0.3313, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **62.4171, 0.3392, 0.2914**, and if you desaturate by 10%, it is **89.4413, 0.3181, 0.3202**.

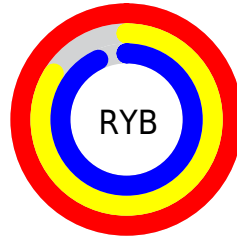
Distribution



Red (100%)

Green (84%)

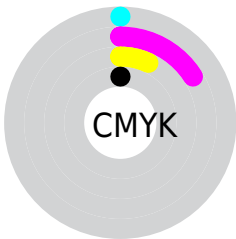
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

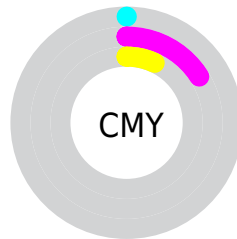


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9046, 0.3277, 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 74.9046, 0.3277, 0.3061 by changing the saturation by 10% instead.

 74.9046, 0.3277,
0.3061

 74.9046, 0.3277,
0.3061


477.5896, 0.3209,
0.3165

 55.5347, 0.3292,
0.3038


126.1773, 0.3254,
0.3096

 39.8300, 0.3311,
0.3010


158.8489, 0.3244,
0.3110

 27.4060, 0.3334,
0.2974

196.7233, 0.3237,
0.3122

 17.8784, 0.3365,
0.2929

240.1848, 0.3230,
0.3133

 10.8627, 0.3405,
0.2868

289.6177, 0.3224,
0.3142

 5.9746, 0.3463,
0.2783

345.4066, 0.3218,

 2.8296, 0.3550,

0.3151

0.2655

407.9358, 0.3213,
0.3158

■ 1.0435, 0.3698,
0.2441

■ 0.0000, 0.5379,
0.0000

■ 74.9046, 0.3277,
0.3061

■ 74.9046, 0.3277,
0.3061

■ 62.4171, 0.3392,
0.2914

■ 89.4413, 0.3181,
0.3202

■ 51.9000, 0.3528,
0.2767

100.0000, 0.3127,
0.3290

■ 43.2457, 0.3687,
0.2626

■ 36.3426, 0.3869,
0.2501

■ 31.0669, 0.4070,
0.2403

■ 27.2786, 0.4285,
0.2346

■ 24.8135, 0.4505,
0.2339

■ 23.4666, 0.4718,
0.2388

■ 23.1497, 0.4792,
0.2413

Harmonies

Analogous

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



74.9046, 0.3043, 0.2942



74.9046, 0.3277, 0.3061



74.9046, 0.3475, 0.3237

Triad

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



74.9046, 0.3277, 0.3061



74.9046, 0.3413, 0.3691



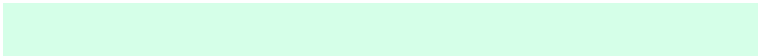
74.9046, 0.2697, 0.3121

Complementary

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



74.9046, 0.3277, 0.3061



91.4876, 0.3001, 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.



74.9046, 0.2788, 0.3330



74.9046, 0.3277, 0.3061



74.9046, 0.3198, 0.3671

Square

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



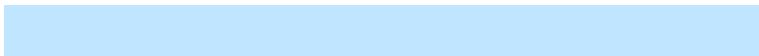
74.9046, 0.3277, 0.3061



74.9046, 0.3554, 0.3600



74.9046, 0.2970, 0.3536



74.9046, 0.2715, 0.2969

Rectangle

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



74.9046, 0.3277, 0.3061



74.9046, 0.3557, 0.3368



74.9046, 0.2970, 0.3536



74.9046, 0.2715, 0.3187

Sweetspot

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



74.8992, 0.3277, 0.3061



91.7680, 0.3168, 0.3223



71.9390, 0.2985, 0.2860



19.4038, 0.3174, 0.3213



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

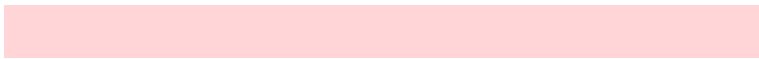
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8992, 0.3277, 0.3061



70.2705, 0.3315, 0.3010



73.7520, 0.3427, 0.3270



18.1538, 0.3208, 0.3160



12.1268, 0.4759, 0.2395



1.2028, 0.4533, 0.2271

Inverse Universe

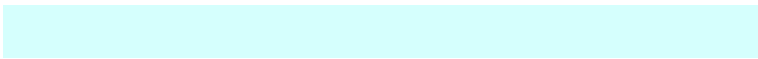
The Inverse Universe completely reimagines the original color for something new.



74.8992, 0.3277, 0.3061



70.2705, 0.3315, 0.3010



92.7494, 0.2888, 0.3311



18.1538, 0.3208, 0.3160



12.1268, 0.4759, 0.2395



1.2028, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 74.9046, 0.3277, 0.3061 looks on a white background.

Color Contrast Check

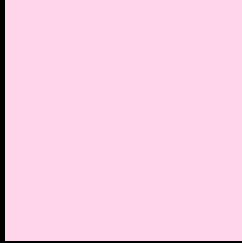
Large Text (above 18pt) WCAG AA × Fail

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 74.9046, 0.3277, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

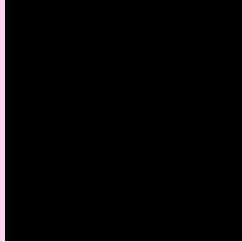
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9046, 0.3277, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 74.9046, 0.3277, 0.3061.



This preview shows how white text looks on a background with the Yxy color 74.9046, 0.3277, 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

74.9046, 0.3277, 0.3061

Protanopia

75.0335, 0.3013, 0.3090

Deuteranopia

75.0182, 0.3185, 0.3116



Tritanopia

74.9335, 0.3304, 0.3120

Trichromacy



Original Color

74.9046, 0.3277, 0.3061

Protanomaly

74.6165, 0.3102, 0.3073

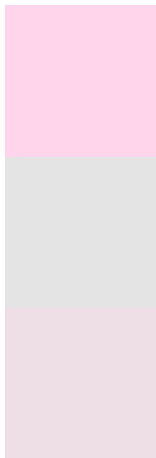
Deuteranomaly

74.8840, 0.3223, 0.3098

Tritanomaly

75.0472, 0.3290, 0.3100

Monochromacy



Original Color

74.9046, 0.3277, 0.3061

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7220, 0.3180, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9046, 0.3277, 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, 213, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 236)  
}
```

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, 213, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.9046, 0.3277, 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, 213, 236) }
```

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

```
.border{ border-color:rgb(255, 213, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9046, 0.3277, 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, 213, 236) }
```

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

```
.background{ background-color: rgb(255,  
213, 236) }
```

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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