

Converting Colors

$Y_{xy}(74.6471, 0.3229, 0.2980)$

Have a look what the booklet for
Yxy(74.6471, 0.3229, 0.2980)
contains.

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Color

Yxy(74.8180, 0.3229, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F3
RGB	255, 212, 243
RGB Percent	100%, 83%, 95%
CMY	0.0000, 0.1686, 0.0471
CMYK	0.00, 0.17, 0.05, 0.00
HSL	317°, 100%, 92%
HSV	317°, 17%, 100%
XYZ	80.9609, 74.8180, 94.9517
YIQ	228.3910, 15.6770, 18.7570

Conversions

Conversions Part 2

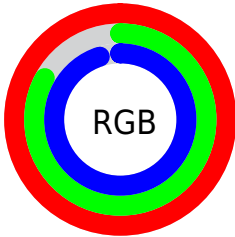
Format	Color
R _Y B	255, 212, 243
Decimal	16766195
CIE Lab	89.31, 20.06, -9.51
CIE LCh	89, 22.197, 334.623
Yxy	74.8180, 0.3229, 0.2984
Android (android.graphics.Color)	4294956275 (0xFFFFD4F3)
YUV	228.3910, 7.2022, 23.3361
Hunter-Lab	86.4974, 15.7042, -4.5368

Details

The Yxy color $74.8180, 0.3229, 0.2984$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.9010, 0.3039, 0.3617$, and the grayscale version is $77.8216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7076, 0.3250, 0.2912$ is the 20% darker color. If you saturate the color by 10%, you get $62.6386, 0.3303, 0.2795$, and if you desaturate by 10%, it is $89.0303, 0.3165, 0.3168$.

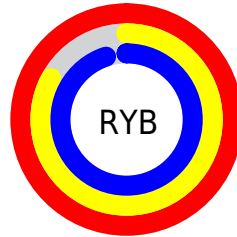
Distribution



Red (100%)

Green (83%)

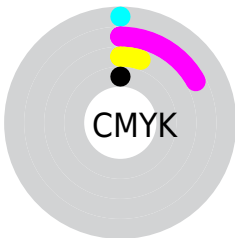
Blue (95%)



Red (100%)

Yellow (83%)

Blue (95%)

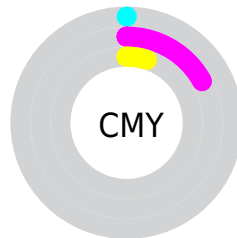


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8180, 0.3229, 0.2984 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 74.8180, 0.3229, 0.2984 by changing the saturation by 10% instead.

 74.8180, 0.3229,
0.2984

 74.8180, 0.3229,
0.2984


477.2918, 0.3184,
0.3121

 55.4638, 0.3239,
0.2954


126.0547, 0.3214,
0.3031

 39.7732, 0.3251,
0.2917


158.7060, 0.3208,
0.3049

 27.3617, 0.3266,
0.2870


196.5584, 0.3202,
0.3065

 17.8451, 0.3285,
0.2811

239.9964, 0.3198,
0.3079

 10.8388, 0.3310,
0.2733

289.4044, 0.3194,
0.3092

 5.9586, 0.3344,
0.2624

345.1666, 0.3190,

 2.8199, 0.3393,

0.3103

0.2462

407.6676, 0.3187,
0.3112

■ 1.0384, 0.3470,
0.2200

■ 0.0000, 0.4174,
0.0000

■ 74.8180, 0.3229,
0.2984

■ 74.8180, 0.3229,
0.2984

■ 62.6386, 0.3303,
0.2795

■ 89.0303, 0.3165,
0.3168

■ 52.3932, 0.3389,
0.2607

100.0000, 0.3127,
0.3290

■ 43.9814, 0.3485,
0.2429

■ 37.2918, 0.3591,
0.2269

■ 32.2008, 0.3705,
0.2140

■ 28.5683, 0.3823,
0.2051

■ 26.2298, 0.3941,
0.2010

■ 24.9768, 0.4055,
0.2018

■ 24.7087, 0.4090,
0.2027

Harmonies

Analogous

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



74.8180, 0.2962, 0.2871



74.8180, 0.3229, 0.2984



74.8180, 0.3477, 0.3171

Triad

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



74.8180, 0.3229, 0.2984



74.8180, 0.3509, 0.3736



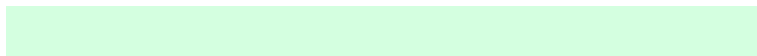
74.8180, 0.2649, 0.3152

Complementary

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



74.8180, 0.3229, 0.2984



90.9010, 0.3039, 0.3617

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.



74.8180, 0.2783, 0.3402



74.8180, 0.3229, 0.2984



74.8180, 0.3277, 0.3752

Square

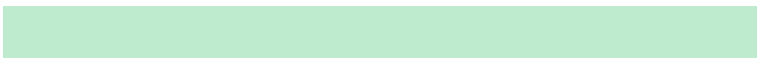
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



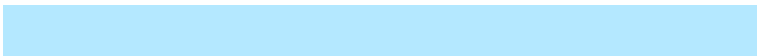
74.8180, 0.3229, 0.2984



74.8180, 0.3641, 0.3600



74.8180, 0.3011, 0.3628



74.8180, 0.2637, 0.2956

Rectangle

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



74.8180, 0.3229, 0.2984



74.8180, 0.3593, 0.3318



74.8180, 0.3011, 0.3628



74.8180, 0.2681, 0.3233

Sweetspot

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



74.8194, 0.3229, 0.2984



91.9057, 0.3154, 0.3202



70.0724, 0.2927, 0.2842



19.4373, 0.3158, 0.3189



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.



74.8194, 0.3229, 0.2984



70.7812, 0.3251, 0.2925



73.6255, 0.3378, 0.3190



18.2086, 0.3181, 0.3120



12.9375, 0.4072, 0.2017



1.2783, 0.3951, 0.1950

Inverse Universe

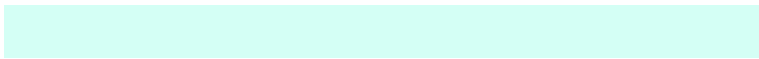
The Inverse Universe completely reimagines the original color for something new.



74.8194, 0.3229, 0.2984



70.7812, 0.3251, 0.2925



92.1084, 0.2925, 0.3393



18.2086, 0.3181, 0.3120



12.9375, 0.4072, 0.2017



1.2783, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 74.8180, 0.3229, 0.2984 looks on a white background.

Color Contrast Check

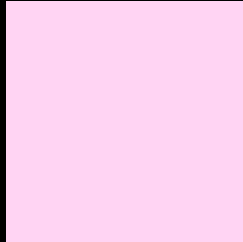
Large Text (above 18pt) WCAG AA × Fail

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 74.8180, 0.3229, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

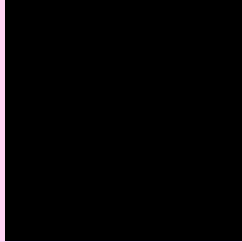
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8180, 0.3229, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 74.8180, 0.3229, 0.2984.



This preview shows how white text looks on a background with the Yxy color 74.8180, 0.3229, 0.2984.

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

74.8180, 0.3229, 0.2984

Protanopia

75.0496, 0.2944, 0.3007

Deuteranopia

74.9043, 0.3117, 0.3045



Tritanopia

74.7453, 0.3296, 0.3120

Trichromacy



Original Color

74.8180, 0.3229, 0.2984

Protanomaly

74.7021, 0.3043, 0.3002

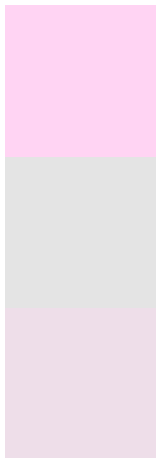
Deuteranomaly

74.9350, 0.3161, 0.3027

Tritanomaly

74.6575, 0.3277, 0.3071

Monochromacy



Original Color

74.8180, 0.3229, 0.2984

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.3029, 0.3168, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8180, 0.3229, 0.2984 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 243) }
```

Border

The CSS property to change the border of an element to Yxy 74.8180, 0.3229, 0.2984 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, 243) }
```

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

```
.border{ border-color:rgb(255, 212, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8180, 0.3229, 0.2984 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
212, 243) }
```

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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