

Converting Colors

$Y_{xy}(82.5540, 0.3457, 0.2977)$

Have a look what the booklet for
Yxy(82.5540, 0.3457, 0.2977)
contains.

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Color

Yxy(75.0624, 0.3201, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F7
RGB	255, 212, 247
RGB Percent	100%, 83%, 97%
CMY	0.0001, 0.1685, 0.0314
CMYK	0.00, 0.17, 0.03, 0.00
HSL	311°, 100%, 92%
HSV	311°, 17%, 100%
XYZ	81.5597, 75.0624, 98.1722
YIQ	228.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

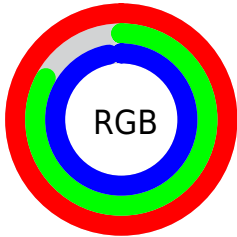
Format	Color
R _Y B	255, 212, 247
Decimal	16766199
CIE Lab	89.42, 20.73, -11.45
CIE LCh	89, 23.681, 331.079
Yxy	75.0624, 0.3201, 0.2946
Android (android.graphics.Color)	4294956279 (0xFFFFD4F7)
YUV	228.8470, 8.9494, 22.9362
Hunter-Lab	86.6386, 16.4185, -6.5359

Details

The Yxy color **75.0624, 0.3201, 0.2946** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.6646, 0.3061, 0.3660**, and the grayscale version is **78.1609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8813, 0.3213, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **63.0186, 0.3254, 0.2735**, and if you desaturate by 10%, it is **89.1329, 0.3155, 0.3153**.

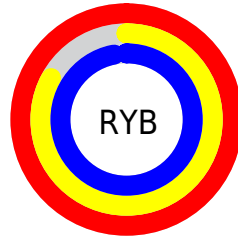
Distribution



Red (100%)

Green (83%)

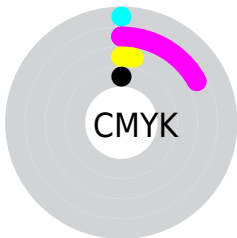
Blue (97%)



Red (100%)

Yellow (83%)

Blue (97%)

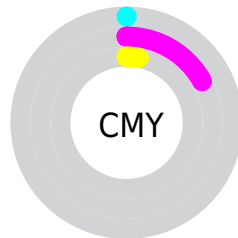


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0624, 0.3201, 0.2946 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 75.0624, 0.3201, 0.2946 by changing the saturation by 10% instead.


 75.0624, 0.3201,
0.2946

 75.0624, 0.3201,
0.2946


478.1320, 0.3169,
0.3100

 55.6640, 0.3208,
0.2912


126.4007, 0.3190,
0.2998

 39.9336, 0.3216,
0.2871


159.1094, 0.3186,
0.3019

 27.4868, 0.3226,
0.2820


197.0236, 0.3182,
0.3037

 17.9391, 0.3238,
0.2754

240.5278, 0.3179,
0.3053

 10.9063, 0.3254,
0.2667

290.0064, 0.3176,
0.3066

 6.0039, 0.3275,
0.2548

345.8436, 0.3174,

 2.8474, 0.3303,

0.3079

0.2372

408.4241, 0.3171,
0.3090

■ 1.0526, 0.3342,
0.2091

■ 0.0000, 0.3785,
0.0000

■ 75.0624, 0.3201,
0.2946

■ 75.0624, 0.3201,
0.2946

■ 63.0186, 0.3254,
0.2735

■ 89.1329, 0.3155,
0.3153

■ 52.8975, 0.3313,
0.2527

99.9931, 0.3127,
0.3290

■ 44.6004, 0.3378,
0.2331

■ 38.0163, 0.3448,
0.2155

■ 33.0218, 0.3521,
0.2011

■ 29.4769, 0.3594,
0.1908

■ 27.2175, 0.3666,
0.1851

■ 26.0356, 0.3734,
0.1840

■ 25.7870, 0.3755,
0.1842

Harmonies

Analogous

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



75.0624, 0.2920, 0.2837



75.0624, 0.3201, 0.2946



75.0624, 0.3472, 0.3137

Triad

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



75.0624, 0.3201, 0.2946



75.0624, 0.3557, 0.3754



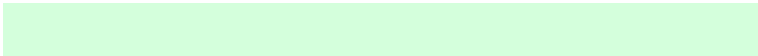
75.0624, 0.2629, 0.3172

Complementary

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



75.0624, 0.3201, 0.2946



90.6646, 0.3061, 0.3660

Split Complementary

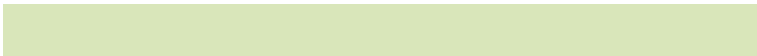
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0624, 0.2785, 0.3441



75.0624, 0.3201, 0.2946



75.0624, 0.3318, 0.3789

Square

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



75.0624, 0.3201, 0.2946



75.0624, 0.3682, 0.3595



75.0624, 0.3035, 0.3674



75.0624, 0.2600, 0.2953

Rectangle

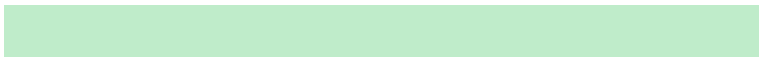
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0624, 0.3201, 0.2946



75.0624, 0.3607, 0.3291



75.0624, 0.3035, 0.3674



75.0624, 0.2668, 0.3260

Sweetspot

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



75.0657, 0.3201, 0.2946



91.9815, 0.3147, 0.3190



69.5150, 0.2903, 0.2839



19.4558, 0.3150, 0.3176



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.



75.0657, 0.3201, 0.2946



71.0704, 0.3217, 0.2880



73.8214, 0.3352, 0.3154



18.2391, 0.3167, 0.3099



13.4995, 0.3745, 0.1837



1.3287, 0.3672, 0.1797

Inverse Universe

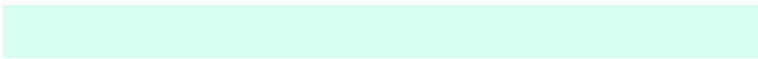
The Inverse Universe completely reimagines the original color for something new.



75.0657, 0.3201, 0.2946



71.0704, 0.3217, 0.2880



91.8699, 0.2944, 0.3431



18.2391, 0.3167, 0.3099



13.4995, 0.3745, 0.1837



1.3287, 0.3672, 0.1797

Previews

White Background



This preview shows how the Yxy color 75.0624, 0.3201, 0.2946 looks on a white background.

Color Contrast Check

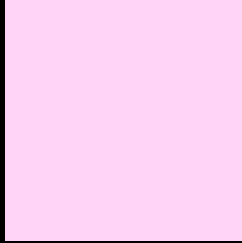
Large Text (above 18pt) WCAG AA × Fail

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 75.0624, 0.3201, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

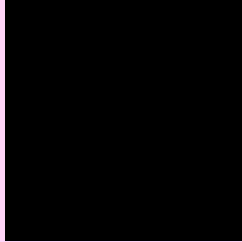
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0624, 0.3201, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 75.0624, 0.3201, 0.2946.



This preview shows how white text looks on a background with the Yxy color 75.0624, 0.3201, 0.2946.

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

75.0624, 0.3201, 0.2946

Protanopia

75.1468, 0.2913, 0.2966

Deuteranopia

75.3214, 0.3077, 0.3014



Tritanopia

75.2530, 0.3295, 0.3130

Trichromacy



Original Color

75.0624, 0.3201, 0.2946

Protanomaly

74.9517, 0.3018, 0.2962

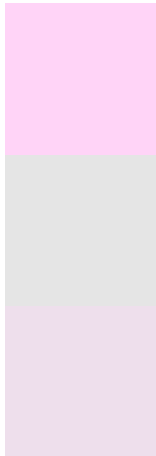
Deuteranomaly

74.9987, 0.3127, 0.2988

Tritanomaly

75.2784, 0.3262, 0.3061

Monochromacy



Original Color

75.0624, 0.3201, 0.2946

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.0086, 0.3147, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0624, 0.3201, 0.2946 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 247) }
```

Border

The CSS property to change the border of an element to Yxy 75.0624, 0.3201, 0.2946 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, 247) }
```

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

```
.border{ border-color:rgb(255, 212, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0624, 0.3201, 0.2946 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
212, 247) }
```

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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