

Converting Colors

$Y_{xy}(100.0000, 0.3916, 0.3008)$

Have a look what the booklet for
Yxy(100.0000, 0.3916, 0.3008)
contains.

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Color

Yxy(75.1865, 0.3187, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F9
RGB	255, 212, 249
RGB Percent	100%, 83%, 98%
CMY	0.0002, 0.1685, 0.0235
CMYK	0.00, 0.17, 0.02, 0.00
HSL	308°, 100%, 92%
HSV	308°, 17%, 100%
XYZ	81.8652, 75.1865, 99.8205
YIQ	229.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

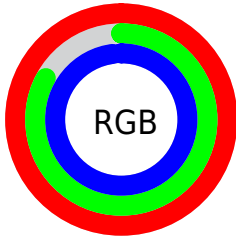
Format	Color
R _Y B	255, 212, 249
Decimal	16766201
CIE Lab	89.48, 21.07, -12.43
CIE LCh	89, 24.462, 329.467
Yxy	75.1865, 0.3187, 0.2927
Android (android.graphics.Color)	4294956281 (0xFFFFD4F9)
YUV	229.0750, 9.8230, 22.7362
Hunter-Lab	86.7101, 16.7835, -7.5574

Details

The Yxy color **75.1865, 0.3187, 0.2927** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.5424, 0.3072, 0.3682**, and the grayscale version is **78.3300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9700, 0.3195, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **63.2139, 0.3229, 0.2706**, and if you desaturate by 10%, it is **89.1822, 0.3150, 0.3145**.

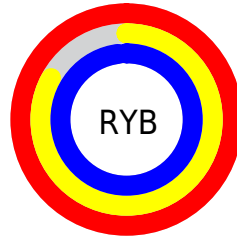
Distribution



Red (100%)

Green (83%)

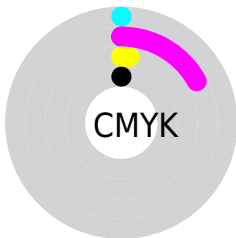
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

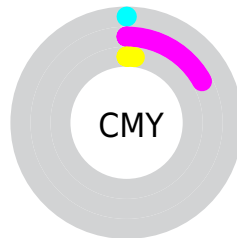


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1865, 0.3187, 0.2927 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 75.1865, 0.3187, 0.2927 by changing the saturation by 10% instead.


 75.1865, 0.3187,
0.2927

 75.1865, 0.3187,
0.2927


478.5583, 0.3162,
0.3089

 55.7657, 0.3192,
0.2891

126.5763, 0.3179,
0.2982

 40.0151, 0.3198,
0.2848

159.3141, 0.3175,
0.3004

 27.5503, 0.3206,
0.2794


197.2597, 0.3172,
0.3023

 17.9870, 0.3215,
0.2726

240.7975, 0.3170,
0.3039

 10.9406, 0.3226,
0.2635

290.3119, 0.3167,
0.3054

 6.0269, 0.3241,
0.2510

346.1872, 0.3165,

 2.8615, 0.3258,

0.3067

0.2328

408.8079, 0.3163,
0.3078

■ 1.0598, 0.3279,
0.2037

■ 0.0000, 0.3631,
0.0000

■ 75.1865, 0.3187,
0.2927

■ 75.1865, 0.3187,
0.2927

■ 63.2139, 0.3229,
0.2706

■ 89.1822, 0.3150,
0.3145

■ 53.1604, 0.3275,
0.2488

99.9883, 0.3127,
0.3290

■ 44.9274, 0.3326,
0.2283

■ 38.4039, 0.3379,
0.2100

■ 33.4665, 0.3433,
0.1950

■ 29.9756, 0.3486,
0.1841

■ 27.7668, 0.3538,
0.1777

■ 26.6327, 0.3586,
0.1758

■ 26.3980, 0.3601,
0.1757

Harmonies

Analogous

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



75.1865, 0.2899, 0.2820



75.1865, 0.3187, 0.2927



75.1865, 0.3470, 0.3120

Triad

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



75.1865, 0.3187, 0.2927



75.1865, 0.3581, 0.3762



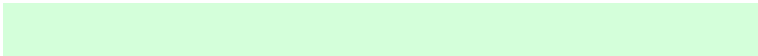
75.1865, 0.2619, 0.3182

Complementary

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



75.1865, 0.3187, 0.2927



90.5424, 0.3072, 0.3682

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.



75.1865, 0.2786, 0.3460



75.1865, 0.3187, 0.2927



75.1865, 0.3339, 0.3808

Square

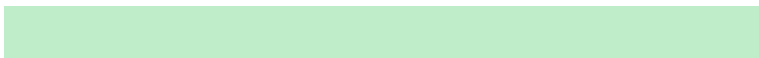
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



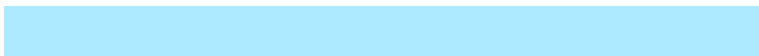
75.1865, 0.3187, 0.2927



75.1865, 0.3703, 0.3593



75.1865, 0.3048, 0.3697



75.1865, 0.2582, 0.2952

Rectangle

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



75.1865, 0.3187, 0.2927



75.1865, 0.3613, 0.3277



75.1865, 0.3048, 0.3697



75.1865, 0.2661, 0.3273

Sweetspot

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



75.1898, 0.3187, 0.2927



92.0201, 0.3144, 0.3185



69.1849, 0.2889, 0.2838



19.4652, 0.3146, 0.3170



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.



75.1898, 0.3187, 0.2927



71.2196, 0.3200, 0.2857



73.9384, 0.3336, 0.3133



18.2546, 0.3159, 0.3088



13.8178, 0.3594, 0.1753



1.3568, 0.3543, 0.1725

Inverse Universe

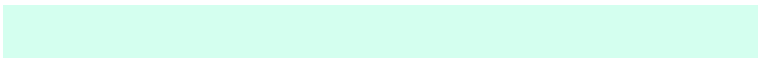
The Inverse Universe completely reimagines the original color for something new.



75.1898, 0.3187, 0.2927



71.2196, 0.3200, 0.2857



91.7263, 0.2956, 0.3453



18.2546, 0.3159, 0.3088



13.8178, 0.3594, 0.1753



1.3568, 0.3543, 0.1725

Previews

White Background



This preview shows how the Yxy color 75.1865, 0.3187, 0.2927 looks on a white background.

Color Contrast Check

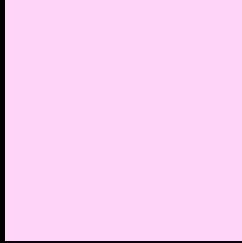
Large Text (above 18pt) WCAG AA × Fail

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 75.1865, 0.3187, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

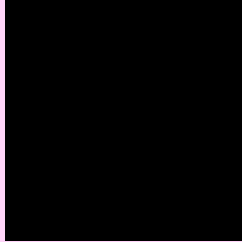
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1865, 0.3187, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 75.1865, 0.3187, 0.2927.



This preview shows how white text looks on a background with the Yxy color 75.1865, 0.3187, 0.2927.

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

75.1865, 0.3187, 0.2927

Protanopia

75.2110, 0.2907, 0.2957

Deuteranopia

75.4449, 0.3064, 0.2994



Tritanopia

75.3097, 0.3288, 0.3120

Trichromacy



Original Color

75.1865, 0.3187, 0.2927

Protanomaly

75.0785, 0.3005, 0.2943

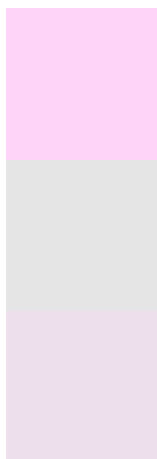
Deuteranomaly

75.1221, 0.3114, 0.2968

Tritanomaly

75.3370, 0.3255, 0.3052

Monochromacy



Original Color

75.1865, 0.3187, 0.2927

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 75.1865, 0.3187, 0.2927 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 249) }
```

Border

The CSS property to change the border of an element to Yxy 75.1865, 0.3187, 0.2927 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, 249) }
```

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

```
.border{ border-color:rgb(255, 212, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1865, 0.3187, 0.2927 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
212, 249) }
```

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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