

Converting Colors

$Y_{xy}(82.9670, 0.3426, 0.3005)$

Have a look what the booklet for
Yxy(82.9670, 0.3426, 0.3005)
contains.

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Color

Yxy(76.5147, 0.3206, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7F6
RGB	255, 215, 246
RGB Percent	100%, 84%, 96%
CMY	0.0000, 0.1569, 0.0352
CMYK	0.00, 0.16, 0.04, 0.00
HSL	313°, 100%, 92%
HSV	313°, 16%, 100%
XYZ	82.1796, 76.5147, 97.6363
YIQ	230.4940, 13.8890, 18.1210

Conversions

Conversions Part 2

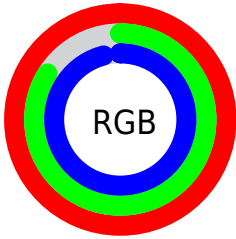
Format	Color
R _Y B	255, 215, 246
Decimal	16766966
CIE _{Lab}	90.10, 19.02, -9.94
CIE _{LCh}	90, 21.455, 332.415
Y _{xy}	76.5147, 0.3206, 0.2985
Android (android.graphics.Color)	4294957046 (0xFFFFD7F6)
Y _{UV}	230.4940, 7.6445, 21.4918
Hunter-Lab	87.4727, 14.6216, -4.9482

Details

The Yxy color $76.5147, 0.3206, 0.2985$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.3482, 0.3057, 0.3615$, and the grayscale version is $79.4505, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.8651, 0.3220, 0.2914$ is the 20% darker color. If you saturate the color by 10%, you get $64.1790, 0.3266, 0.2783$, and if you desaturate by 10%, it is $90.8870, 0.3154, 0.3182$.

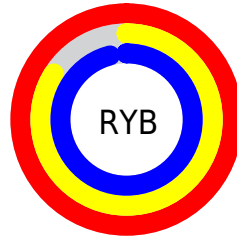
Distribution



Red (100%)

Green (84%)

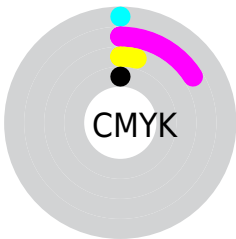
Blue (96%)



Red (100%)

Yellow (84%)

Blue (96%)

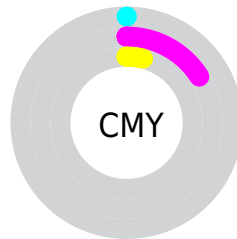


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5147, 0.3206, 0.2985 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 76.5147, 0.3206, 0.2985 by changing the saturation by 10% instead.


 76.5147, 0.3206,
0.2985

 76.5147, 0.3206,
0.2985


483.1078, 0.3172,
0.3121

 56.8547, 0.3213,
0.2955

128.4542, 0.3194,
0.3031

 40.8886, 0.3222,
0.2918


161.5025, 0.3190,
0.3050

 28.2320, 0.3233,
0.2873


199.7822, 0.3186,
0.3066

 18.5006, 0.3247,
0.2815

243.6779, 0.3182,
0.3080

 11.3100, 0.3265,
0.2738

293.5739, 0.3179,
0.3092

 6.2758, 0.3290,
0.2631

349.8546, 0.3176,

 3.0135, 0.3324,

0.3103

0.2475

412.9045, 0.3174,
0.3113

■ 1.1388, 0.3375,
0.2222

■ 0.0108, 0.3982,
0.0091

■ 76.5147, 0.3206,
0.2985

■ 76.5147, 0.3206,
0.2985

■ 64.1790, 0.3266,
0.2783

■ 90.8870, 0.3154,
0.3182

■ 53.7835, 0.3335,
0.2583

100.0000, 0.3127,
0.3290

■ 45.2283, 0.3412,
0.2392

■ 38.4034, 0.3496,
0.2220

■ 33.1867, 0.3585,
0.2078

■ 29.4407, 0.3676,
0.1975

■ 27.0043, 0.3766,
0.1918

■ 25.6781, 0.3853,
0.1910

■ 25.3240, 0.3889,
0.1916

Harmonies

Analogous

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



76.5147, 0.2952, 0.2882



76.5147, 0.3206, 0.2985



76.5147, 0.3447, 0.3161

Triad

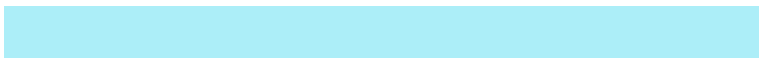
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5147, 0.3206, 0.2985



76.5147, 0.3507, 0.3712



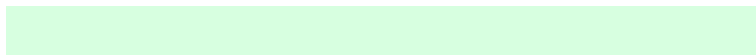
76.5147, 0.2673, 0.3175

Complementary

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



76.5147, 0.3206, 0.2985



91.3482, 0.3057, 0.3615

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.



76.5147, 0.2811, 0.3415



76.5147, 0.3206, 0.2985



76.5147, 0.3289, 0.3736

Square

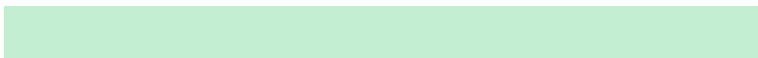
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



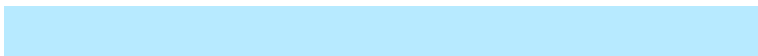
76.5147, 0.3206, 0.2985



76.5147, 0.3624, 0.3575



76.5147, 0.3034, 0.3626



76.5147, 0.2653, 0.2981

Rectangle

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



76.5147, 0.3206, 0.2985



76.5147, 0.3564, 0.3302



76.5147, 0.3034, 0.3626



76.5147, 0.2707, 0.3253

Sweetspot

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



76.5156, 0.3206, 0.2985



91.9501, 0.3150, 0.3195



71.6151, 0.2929, 0.2874



19.4481, 0.3154, 0.3182



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.



76.5156, 0.3206, 0.2985



72.2066, 0.3225, 0.2919



75.3703, 0.3343, 0.3177



18.2264, 0.3173, 0.3108



13.2560, 0.3876, 0.1909



1.3070, 0.3784, 0.1858

Inverse Universe

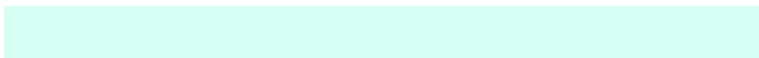
The Inverse Universe completely reimagines the original color for something new.



76.5156, 0.3206, 0.2985



72.2066, 0.3225, 0.2919



92.4785, 0.2949, 0.3406



18.2264, 0.3173, 0.3108



13.2560, 0.3876, 0.1909



1.3070, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 76.5147, 0.3206, 0.2985 looks on a white background.

Color Contrast Check

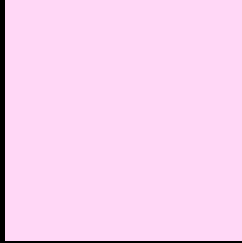
Large Text (above 18pt) WCAG AA × Fail

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 76.5147, 0.3206, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

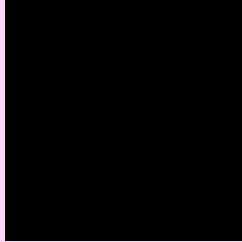
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.5147, 0.3206, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 76.5147, 0.3206, 0.2985.



This preview shows how white text looks on a background with the Yxy color 76.5147, 0.3206, 0.2985.

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

76.5147, 0.3206, 0.2985

Protanopia

76.5667, 0.2945, 0.3009

Deuteranopia

76.4797, 0.3111, 0.3037



Tritanopia

76.4489, 0.3272, 0.3120

Trichromacy



Original Color

76.5147, 0.3206, 0.2985

Protanomaly

76.2772, 0.3037, 0.2994

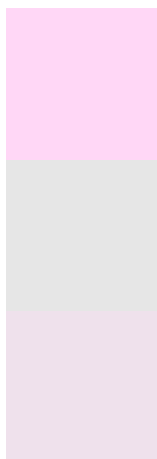
Deuteranomaly

76.3282, 0.3147, 0.3019

Tritanomaly

76.3556, 0.3253, 0.3072

Monochromacy



Original Color

76.5147, 0.3206, 0.2985

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2573, 0.3153, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5147, 0.3206, 0.2985 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, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 246)  
}
```

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, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.5147, 0.3206, 0.2985 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, 215, 246) }
```

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

```
.border{ border-color:rgb(255, 215, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5147, 0.3206, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 246) }
```

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

```
.background{ background-color: rgb(255,  
215, 246) }
```

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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