

Converting Colors

$Y_{xy}(88.5279, 0.3498, 0.3039)$

Have a look what the booklet for
Yxy(88.5279, 0.3498, 0.3039)
contains.

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Color

Yxy(79.2237, 0.3189, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCF8
RGB	255, 220, 248
RGB Percent	100%, 86%, 97%
CMY	0.0001, 0.1372, 0.0274
CMYK	0.00, 0.14, 0.03, 0.00
HSL	312°, 100%, 93%
HSV	312°, 14%, 100%
XYZ	83.7680, 79.2237, 99.6863
YIQ	233.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

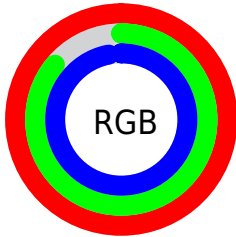
Format	Color
R _Y B	255, 220, 248
Decimal	16768248
CIE Lab	91.34, 16.73, -9.14
CIE LCh	91, 19.066, 331.349
Yxy	79.2237, 0.3189, 0.3016
Android (android.graphics.Color)	4294958328 (0xFFFFDCE8)
YUV	233.6570, 7.0711, 18.7178
Hunter-Lab	89.0077, 12.2287, -4.0979

Details

The Yxy color $79.2237, 0.3189, 0.3016$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $92.2636, 0.3071, 0.3580$, and the grayscale version is $81.9457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.7218, 0.3198, 0.2953$ is the 20% darker color. If you saturate the color by 10%, you get $66.5362, 0.3242, 0.2809$, and if you desaturate by 10%, it is $93.9677, 0.3143, 0.3218$.

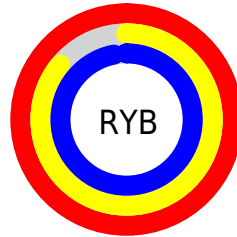
Distribution



Red (100%)

Green (86%)

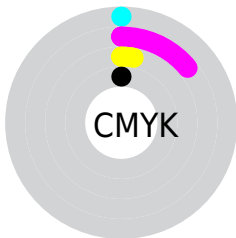
Blue (97%)



Red (100%)

Yellow (86%)

Blue (97%)

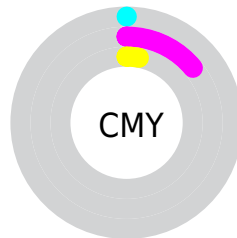


Cyan (0%)

Magenta (14%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2237, 0.3189, 0.3016 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 79.2237, 0.3189, 0.3016 by changing the saturation by 10% instead.

 79.2237, 0.3189,
0.3016

 79.2237, 0.3189,
0.3016

492.3128, 0.3162,
0.3138

 59.0798, 0.3195,
0.2989

132.2737, 0.3180,
0.3057

 42.6773, 0.3202,
0.2957


165.9486, 0.3176,
0.3074

 29.6320, 0.3210,
0.2916


204.9026, 0.3173,
0.3088

 19.5594, 0.3221,
0.2864

249.5201, 0.3171,
0.3101

 12.0752, 0.3235,
0.2796

300.1854, 0.3168,
0.3112

 6.7949, 0.3253,
0.2702

357.2831, 0.3166,

 3.3342, 0.3279,

0.3121

0.2564

421.1974, 0.3164,
0.3130

■ 1.3086, 0.3316,
0.2343

■ 0.1478, 0.3667,
0.0988

■ 79.2237, 0.3189,
0.3016

■ 79.2237, 0.3189,
0.3016

■ 66.5362, 0.3242,
0.2809

■ 93.9677, 0.3143,
0.3218

■ 55.8026, 0.3303,
0.2602

99.9941, 0.3127,
0.3290

■ 46.9272, 0.3371,
0.2404

■ 39.8018, 0.3444,
0.2223

■ 34.3074, 0.3521,
0.2070

■ 30.3097, 0.3601,
0.1955

■ 27.6534, 0.3679,
0.1885

■ 26.1487, 0.3755,
0.1862

■ 25.6217, 0.3801,
0.1868

Harmonies

Analogous

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



79.2237, 0.2966, 0.2928



79.2237, 0.3189, 0.3016



79.2237, 0.3402, 0.3171

Triad

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



79.2237, 0.3189, 0.3016



79.2237, 0.3467, 0.3658



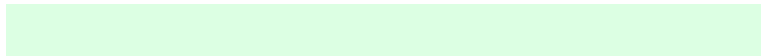
79.2237, 0.2730, 0.3198

Complementary

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



79.2237, 0.3189, 0.3016



92.2636, 0.3071, 0.3580

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.



79.2237, 0.2855, 0.3408



79.2237, 0.3189, 0.3016



79.2237, 0.3278, 0.3681

Square

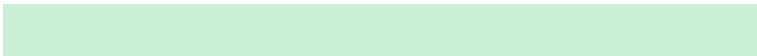
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2237, 0.3189, 0.3016



79.2237, 0.3565, 0.3537



79.2237, 0.3054, 0.3589



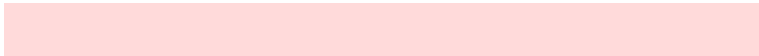
79.2237, 0.2707, 0.3024

Rectangle

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



79.2237, 0.3189, 0.3016



79.2237, 0.3506, 0.3295



79.2237, 0.3054, 0.3589



79.2237, 0.2761, 0.3267

Sweetspot

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



79.2272, 0.3189, 0.3016



93.5336, 0.3144, 0.3212



74.6510, 0.2949, 0.2930



19.7680, 0.3147, 0.3197



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.



79.2272, 0.3189, 0.3016



76.1618, 0.3201, 0.2969



78.2239, 0.3304, 0.3180



18.2347, 0.3169, 0.3102



13.4134, 0.3789, 0.1861



1.3211, 0.3710, 0.1818

Inverse Universe

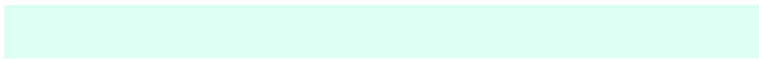
The Inverse Universe completely reimagines the original color for something new.



79.2272, 0.3189, 0.3016



76.1618, 0.3201, 0.2969



93.2442, 0.2977, 0.3403



18.2347, 0.3169, 0.3102



13.4134, 0.3789, 0.1861



1.3211, 0.3710, 0.1818

Previews

White Background



This preview shows how the Yxy color 79.2237, 0.3189, 0.3016 looks on a white background.

Color Contrast Check

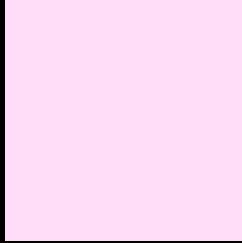
Large Text (above 18pt) WCAG AA × Fail

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 79.2237, 0.3189, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

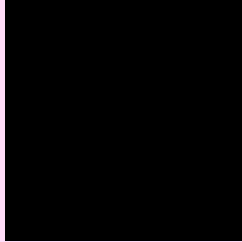
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2237, 0.3189, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 79.2237, 0.3189, 0.3016.

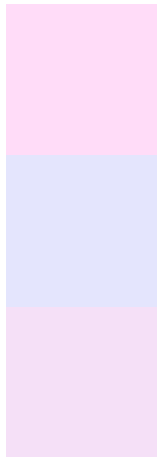


This preview shows how white text looks on a background with the Yxy color 79.2237, 0.3189, 0.3016.

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

79.2237, 0.3189, 0.3016

Protanopia

79.6245, 0.2972, 0.3044

Deuteranopia

79.4392, 0.3124, 0.3060



Tritanopia

79.5454, 0.3241, 0.3122

Trichromacy



Original Color

79.2237, 0.3189, 0.3016

Protanomaly

79.5349, 0.3051, 0.3038

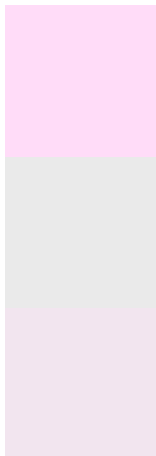
Deuteranomaly

79.6305, 0.3152, 0.3052

Tritanomaly

79.1945, 0.3222, 0.3083

Monochromacy



Original Color

79.2237, 0.3189, 0.3016

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.1479, 0.3152, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2237, 0.3189, 0.3016 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, 220, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 248)  
}
```

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, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 248) }
```

Border

The CSS property to change the border of an element to Yxy 79.2237, 0.3189, 0.3016 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, 220, 248) }
```

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

```
.border{ border-color:rgb(255, 220, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2237, 0.3189, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 248) }
```

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

```
.background{ background-color: rgb(255,  
220, 248) }
```

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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