

Converting Colors

$Y_{xy}(100.0000, 0.3803, 0.3056)$

Have a look what the booklet for
Yxy(100.0000, 0.3803, 0.3056)
contains.

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Color

Yxy(79.3485, 0.3176, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCFA
RGB	255, 220, 250
RGB Percent	100%, 86%, 98%
CMY	0.0000, 0.1372, 0.0196
CMYK	0.00, 0.14, 0.02, 0.00
HSL	309°, 100%, 93%
HSV	309°, 14%, 100%
XYZ	84.0877, 79.3485, 101.3236
YIQ	233.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

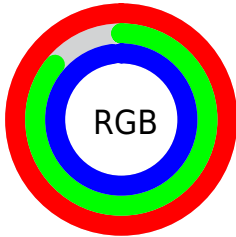
Format	Color
R _Y B	255, 220, 250
Decimal	16768250
CIE Lab	91.39, 17.10, -10.10
CIE LCh	91, 19.859, 329.423
Yxy	79.3485, 0.3176, 0.2997
Android (android.graphics.Color)	4294958330 (0xFFFFDCFA)
YUV	233.8850, 7.9447, 18.5179
Hunter-Lab	89.0778, 12.6144, -5.0863

Details

The Yxy color **79.3485, 0.3176, 0.2997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.1734, 0.3082, 0.3602**, and the grayscale version is **82.1224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8111, 0.3181, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **66.7450, 0.3217, 0.2777**, and if you desaturate by 10%, it is **94.0047, 0.3140, 0.3212**.

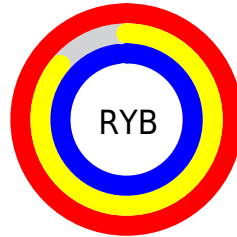
Distribution



Red (100%)

Green (86%)

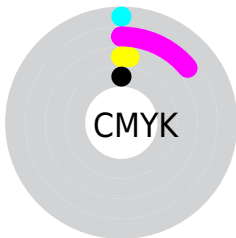
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

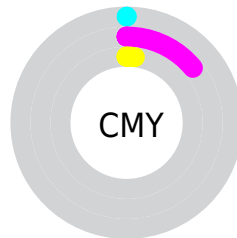


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3485, 0.3176, 0.2997 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 79.3485, 0.3176, 0.2997 by changing the saturation by 10% instead.

 79.3485, 0.3176,
0.2997

 79.3485, 0.3176,
0.2997


492.7345, 0.3155,
0.3127

 59.1824, 0.3180,
0.2968

132.4494, 0.3169,
0.3041

 42.7600, 0.3186,
0.2934


166.1529, 0.3166,
0.3059

 29.6968, 0.3192,
0.2891


205.1377, 0.3164,
0.3074

 19.6086, 0.3200,
0.2836

249.7882, 0.3162,
0.3087

 12.1108, 0.3209,
0.2763

300.4887, 0.3160,
0.3099

 6.8192, 0.3222,
0.2664

357.6237, 0.3158,

 3.3493, 0.3239,

0.3109

0.2518

421.5775, 0.3157,
0.3119

■ 1.3167, 0.3261,
0.2286

■ 0.1541, 0.3542,
0.0968

■ 79.3485, 0.3176,
0.2997

■ 79.3485, 0.3176,
0.2997

■ 66.7450, 0.3217,
0.2777

■ 94.0047, 0.3140,
0.3212

■ 56.0919, 0.3264,
0.2558

100.0000, 0.3127,
0.3290

■ 47.2931, 0.3314,
0.2349

■ 40.2408, 0.3368,
0.2159

■ 34.8157, 0.3424,
0.1998

■ 30.8837, 0.3480,
0.1876

■ 28.2892, 0.3534,
0.1799

■ 26.8426, 0.3585,
0.1767

■ 26.3508, 0.3615,
0.1765

Harmonies

Analogous

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



79.3485, 0.2945, 0.2911



79.3485, 0.3176, 0.2997



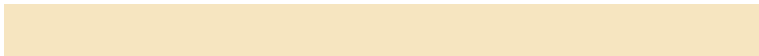
79.3485, 0.3400, 0.3154

Triad

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



79.3485, 0.3176, 0.2997



79.3485, 0.3491, 0.3668



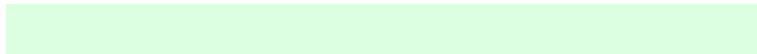
79.3485, 0.2719, 0.3207

Complementary

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



79.3485, 0.3176, 0.2997



92.1734, 0.3082, 0.3602

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.



79.3485, 0.2855, 0.3426



79.3485, 0.3176, 0.2997



79.3485, 0.3299, 0.3700

Square

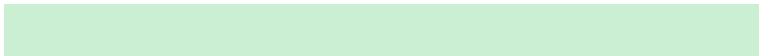
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



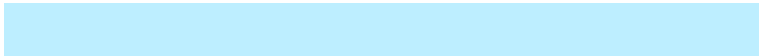
79.3485, 0.3176, 0.2997



79.3485, 0.3585, 0.3536



79.3485, 0.3066, 0.3611



79.3485, 0.2689, 0.3022

Rectangle

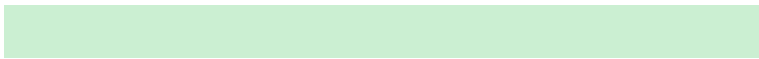
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3485, 0.3176, 0.2997



79.3485, 0.3514, 0.3282



79.3485, 0.3066, 0.3611



79.3485, 0.2754, 0.3279

Sweetspot

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



79.3519, 0.3176, 0.2997



93.5703, 0.3140, 0.3206



74.3649, 0.2937, 0.2928



19.7773, 0.3143, 0.3190



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.



79.3519, 0.3176, 0.2997



76.3045, 0.3185, 0.2947



78.3238, 0.3292, 0.3163



18.2531, 0.3160, 0.3089



13.7860, 0.3608, 0.1761



1.3540, 0.3555, 0.1732

Inverse Universe

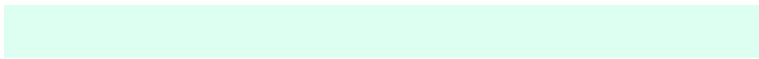
The Inverse Universe completely reimagines the original color for something new.



79.3519, 0.3176, 0.2997



76.3045, 0.3185, 0.2947



93.1577, 0.2987, 0.3421



18.2531, 0.3160, 0.3089



13.7860, 0.3608, 0.1761



1.3540, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 79.3485, 0.3176, 0.2997 looks on a white background.

Color Contrast Check

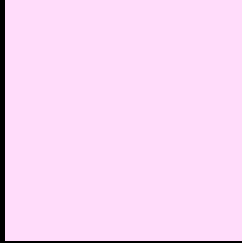
Large Text (above 18pt) WCAG AA × Fail

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 79.3485, 0.3176, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

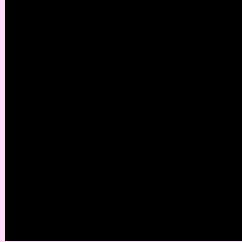
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3485, 0.3176, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 79.3485, 0.3176, 0.2997.

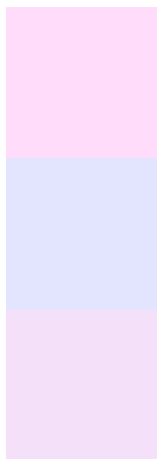


This preview shows how white text looks on a background with the Yxy color 79.3485, 0.3176, 0.2997.

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

79.3485, 0.3176, 0.2997

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.3840, 0.3104, 0.3040



Tritanopia

79.3572, 0.3234, 0.3122

Trichromacy



Original Color

79.3485, 0.3176, 0.2997

Protanomaly

79.4891, 0.3032, 0.3018

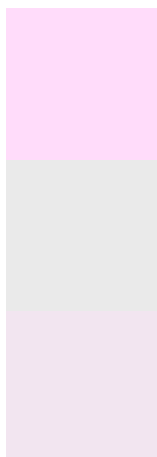
Deuteranomaly

79.5714, 0.3132, 0.3032

Tritanomaly

79.2548, 0.3215, 0.3073

Monochromacy



Original Color

79.3485, 0.3176, 0.2997

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.2071, 0.3146, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3485, 0.3176, 0.2997 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 250) }
```

Border

The CSS property to change the border of an element to Yxy 79.3485, 0.3176, 0.2997 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, 250) }
```

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

```
.border{ border-color:rgb(255, 220, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 250); box-shadow:4px 4px 4px 4px rgb(255, 220, 250) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3485, 0.3176, 0.2997 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
220, 250) }
```

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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