

Converting Colors

$Y_{xy}(79.3004, 0.3291, 0.3180)$

Have a look what the booklet for
Yxy(79.3004, 0.3291, 0.3180)
contains.

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Color

Yxy(79.3857, 0.3289, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE9
RGB	255, 222, 233
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1294, 0.0862
CMYK	0.00, 0.13, 0.09, 0.00
HSL	340°, 100%, 94%
HSV	340°, 13%, 100%
XYZ	82.0810, 79.3857, 88.0954
YIQ	233.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

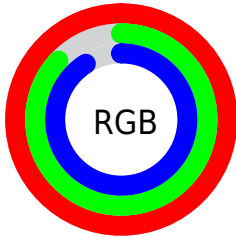
Format	Color
R _Y B	255, 222, 233
Decimal	16768745
CIE Lab	91.41, 13.18, -1.18
CIE LCh	91, 13.228, 354.898
Yxy	79.3857, 0.3289, 0.3181
Android (android.graphics.Color)	4294958825 (0xFFFFDDEE9)
YUV	233.1210, -0.0597, 19.1879
Hunter-Lab	89.0987, 8.5182, 3.7467

Details

The Yxy color **79.3857, 0.3289, 0.3181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.5786, 0.2988, 0.3402**, and the grayscale version is **81.5686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8175, 0.3328, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **65.9209, 0.3446, 0.3091**, and if you desaturate by 10%, it is **94.9843, 0.3160, 0.3266**.

Distribution



Red (100%)

Green (87%)

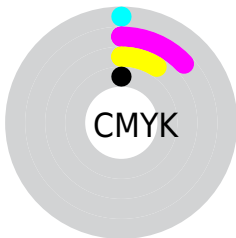
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)



Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3857, 0.3289, 0.3181 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 79.3857, 0.3289, 0.3181 by changing the saturation by 10% instead.


 79.3857, 0.3289,
0.3181

 79.3857, 0.3289,
0.3181


492.8602, 0.3215,
0.3231

 59.2130, 0.3306,
0.3170


132.5017, 0.3264,
0.3198

 42.7846, 0.3326,
0.3156


166.2138, 0.3254,
0.3205

 29.7161, 0.3351,
0.3139


205.2078, 0.3245,
0.3210

 19.6232, 0.3384,
0.3117

249.8681, 0.3238,
0.3215

 12.1215, 0.3429,
0.3088

300.5791, 0.3231,
0.3220

 6.8265, 0.3492,
0.3046

357.7252, 0.3225,

 3.3538, 0.3588,

0.3224

0.2983

421.6907, 0.3220,
0.3227

■ 1.3191, 0.3754,
0.2876

■ 0.1559, 0.5353,
0.1776

■ 79.3857, 0.3289,
0.3181

■ 79.3857, 0.3289,
0.3181

■ 65.9209, 0.3446,
0.3091

■ 94.9843, 0.3160,
0.3266

■ 54.5078, 0.3638,
0.3000

100.0000, 0.3127,
0.3290

■ 45.0408, 0.3870,
0.2911

■ 37.4098, 0.4144,
0.2831

■ 31.4937, 0.4458,
0.2773

■ 27.1564, 0.4801,
0.2747

■ 24.2411, 0.5153,
0.2765

■ 22.5577, 0.5482,
0.2835

■ 21.9181, 0.5688,
0.2907

Harmonies

Analogous

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



79.3857, 0.3137, 0.3079



79.3857, 0.3289, 0.3181



79.3857, 0.3399, 0.3311

Triad

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



79.3857, 0.3289, 0.3181



79.3857, 0.3265, 0.3562



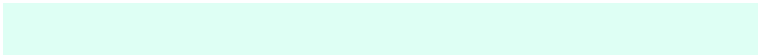
79.3857, 0.2830, 0.3129

Complementary

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



79.3857, 0.3289, 0.3181



93.5786, 0.2988, 0.3402

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.



79.3857, 0.2863, 0.3259



79.3857, 0.3289, 0.3181



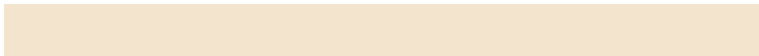
79.3857, 0.3111, 0.3514

Square

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



79.3857, 0.3289, 0.3181



79.3857, 0.3384, 0.3533



79.3857, 0.2965, 0.3402



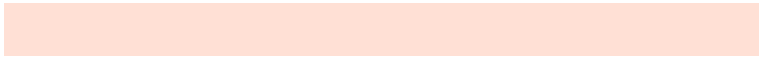
79.3857, 0.2875, 0.3047

Rectangle

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



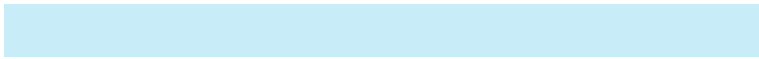
79.3857, 0.3289, 0.3181



79.3857, 0.3431, 0.3399



79.3857, 0.2965, 0.3402



79.3857, 0.2833, 0.3169

Sweetspot

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



79.3817, 0.3289, 0.3181



93.2339, 0.3173, 0.3257



78.5921, 0.3063, 0.2962



19.6921, 0.3182, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

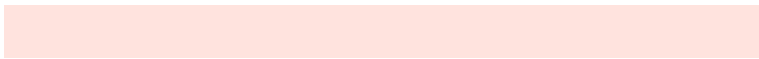
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3817, 0.3289, 0.3181



75.0460, 0.3334, 0.3154



81.4401, 0.3358, 0.3340



18.0871, 0.3242, 0.3211



11.4773, 0.5645, 0.2883



1.1368, 0.5327, 0.2708

Inverse Universe

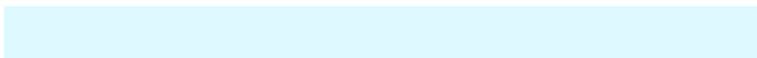
The Inverse Universe completely reimagines the original color for something new.



79.3817, 0.3289, 0.3181



75.0460, 0.3334, 0.3154



91.1496, 0.2927, 0.3239



18.0871, 0.3242, 0.3211



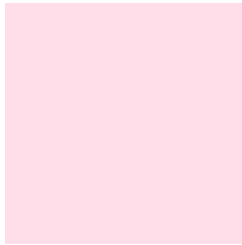
11.4773, 0.5645, 0.2883



1.1368, 0.5327, 0.2708

Previews

White Background



This preview shows how the Yxy color 79.3857, 0.3289, 0.3181 looks on a white background.

Color Contrast Check

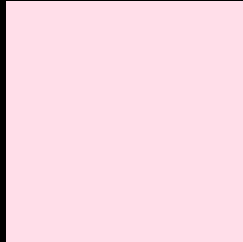
Large Text (above 18pt) WCAG AA × Fail

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 79.3857, 0.3289, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

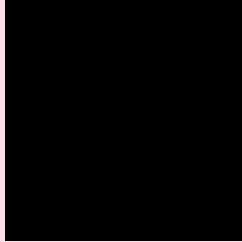
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3857, 0.3289, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 79.3857, 0.3289, 0.3181.

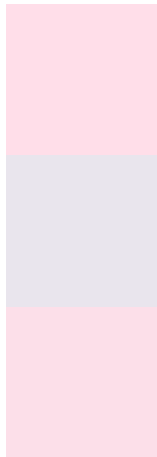


This preview shows how white text looks on a background with the Yxy color 79.3857, 0.3289, 0.3181.

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

79.3857, 0.3289, 0.3181

Protanopia

79.4767, 0.3104, 0.3207

Deuteranopia

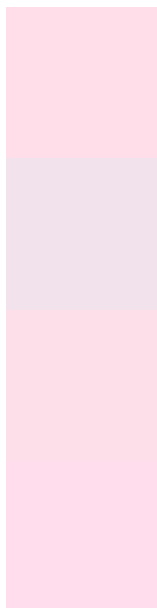
79.3540, 0.3266, 0.3190



Tritanopia

79.1459, 0.3256, 0.3122

Trichromacy



Original Color

79.3857, 0.3289, 0.3181

Protanomaly

79.1496, 0.3167, 0.3188

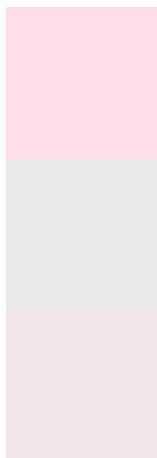
Deuteranomaly

79.5412, 0.3273, 0.3191

Tritanomaly

79.0290, 0.3269, 0.3142

Monochromacy



Original Color

79.3857, 0.3289, 0.3181

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.6226, 0.3184, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3857, 0.3289, 0.3181 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, 222, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 233)  
}
```

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, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 233) }
```

Border

The CSS property to change the border of an element to Yxy 79.3857, 0.3289, 0.3181 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, 222, 233) }
```

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

```
.border{ border-color:rgb(255, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3857, 0.3289, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 233) }
```

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

```
.background{ background-color: rgb(255,  
222, 233) }
```

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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