

Converting Colors

$Y_{xy}(79.6274, 0.3105, 0.2964)$

Have a look what the booklet for
Yxy(79.6274, 0.3105, 0.2964)
contains.

Yxy(79.7865, 0.3108, 0.2966)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.7865, 0.3108, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	FADEFF
RGB	250, 222, 255
RGB Percent	98%, 87%, 100%
CMY	0.0195, 0.1294, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	291°, 100%, 94%
HSV	291°, 13%, 100%
XYZ	83.6064, 79.7865, 105.6109
YIQ	234.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

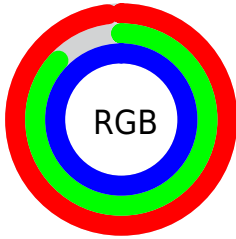
Format	Color
R _Y B	250, 222, 255
Decimal	16441087
CIE Lab	91.59, 15.33, -12.48
CIE LCh	92, 19.766, 320.855
Yxy	79.7865, 0.3108, 0.2966
Android (android.graphics.Color)	4294631167 (0xFFFADEFF)
YUV	234.1340, 10.2869, 13.9145
Hunter-Lab	89.3233, 10.7598, -7.5749

Details

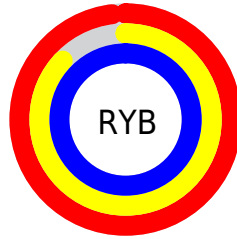
The Yxy color **79.7865, 0.3108, 0.2966** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.1171, 0.3142, 0.3630**, and the grayscale version is **82.3075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0521, 0.3101, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **66.5517, 0.3089, 0.2706**, and if you desaturate by 10%, it is **95.0894, 0.3123, 0.3218**.

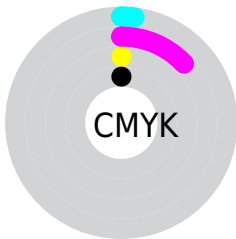
Distribution



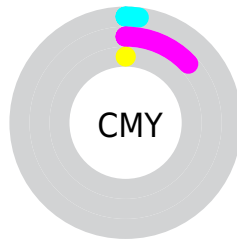
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7865, 0.3108, 0.2966 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 79.7865, 0.3108, 0.2966 by changing the saturation by 10% instead.


 79.7865, 0.3108,
0.2966

 79.7865, 0.3108,
0.2966

494.2130, 0.3118,
0.3110

 59.5427, 0.3105,
0.2935


133.0655, 0.3112,
0.3015

 43.0501, 0.3102,
0.2896


166.8695, 0.3113,
0.3034

 29.9244, 0.3098,
0.2849


205.9623, 0.3114,
0.3051

 19.7812, 0.3091,
0.2789

250.7284, 0.3115,
0.3065

 12.2361, 0.3082,
0.2709

301.5521, 0.3116,
0.3078

 6.9047, 0.3069,
0.2601

358.8179, 0.3117,

 3.4026, 0.3046,

0.3090

0.2443

422.9100, 0.3118,
0.3100

■ 1.3453, 0.3000,
0.2194

■ 0.1759, 0.3034,
0.0986

■ 79.7865, 0.3108,
0.2966

■ 79.7865, 0.3108,
0.2966

■ 66.5517, 0.3089,
0.2706

■ 95.0894, 0.3123,
0.3218

■ 55.2853, 0.3065,
0.2443

100.0000, 0.3127,
0.3290

■ 45.8912, 0.3037,
0.2189

■ 38.2622, 0.3005,
0.1951

■ 32.2798, 0.2970,
0.1743

■ 27.8113, 0.2932,
0.1572

■ 24.7031, 0.2892,
0.1445

■ 22.7688, 0.2852,
0.1365

■ 21.9193, 0.2824,
0.1330

Harmonies

Analogous

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



79.7865, 0.2889, 0.2905



79.7865, 0.3108, 0.2966



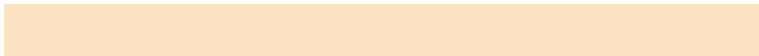
79.7865, 0.3340, 0.3105

Triad

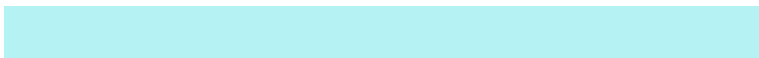
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7865, 0.3108, 0.2966



79.7865, 0.3527, 0.3636



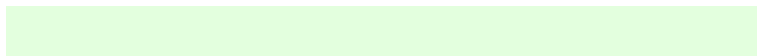
79.7865, 0.2751, 0.3269

Complementary

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



79.7865, 0.3108, 0.2966



93.1171, 0.3142, 0.3630

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.



79.7865, 0.2911, 0.3484



79.7865, 0.3108, 0.2966



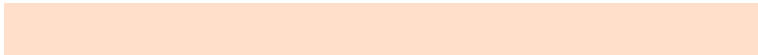
79.7865, 0.3359, 0.3700

Square

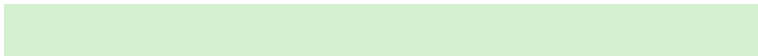
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7865, 0.3108, 0.2966



79.7865, 0.3587, 0.3484



79.7865, 0.3133, 0.3646



79.7865, 0.2689, 0.3070

Rectangle

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



79.7865, 0.3108, 0.2966



79.7865, 0.3468, 0.3226



79.7865, 0.3133, 0.3646



79.7865, 0.2794, 0.3343

Sweetspot

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



79.7891, 0.3108, 0.2966



93.3741, 0.3122, 0.3192



77.9568, 0.2921, 0.3005



19.7274, 0.3121, 0.3174



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.



79.7891, 0.3108, 0.2966



75.5294, 0.3103, 0.2887



80.0298, 0.3215, 0.3074



18.1539, 0.3114, 0.3054



11.5057, 0.2831, 0.1333



1.1562, 0.2876, 0.1358

Inverse Universe

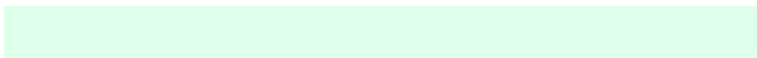
The Inverse Universe completely reimagines the original color for something new.



79.0419, 0.3330, 0.3241



74.6395, 0.3387, 0.3229



92.9312, 0.3049, 0.3516



18.0316, 0.3271, 0.3255



11.1963, 0.6197, 0.3188



1.1026, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 79.7865, 0.3108, 0.2966 looks on a white background.

Color Contrast Check

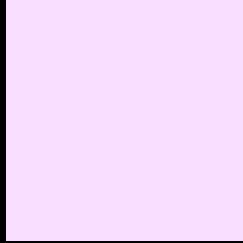
Large Text (above 18pt) WCAG AA × Fail

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 79.7865, 0.3108, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

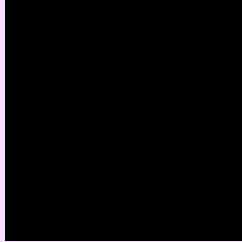
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

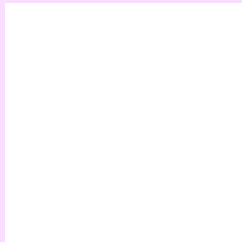
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7865, 0.3108, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 79.7865, 0.3108, 0.2966.

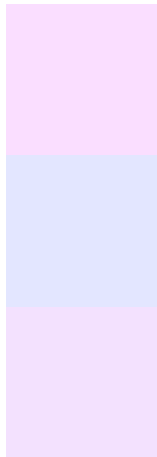


This preview shows how white text looks on a background with the Yxy color 79.7865, 0.3108, 0.2966.

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

79.7865, 0.3108, 0.2966

Protanopia

80.1445, 0.2954, 0.3034

Deuteranopia

80.0609, 0.3066, 0.3001



Tritanopia

79.6786, 0.3177, 0.3110

Trichromacy



Original Color

79.7865, 0.3108, 0.2966

Protanomaly

79.8203, 0.3006, 0.3007

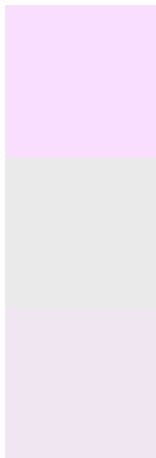
Deuteranomaly

80.0599, 0.3086, 0.2993

Tritanomaly

79.6305, 0.3152, 0.3052

Monochromacy



Original Color

79.7865, 0.3108, 0.2966

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5297, 0.3119, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7865, 0.3108, 0.2966 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(250, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 255)  
}
```

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(250, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.7865, 0.3108, 0.2966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

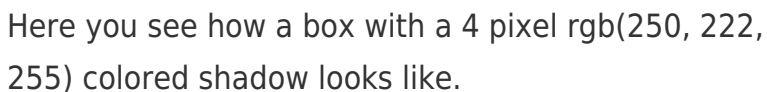
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 222, 255) }
```

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

```
.border{ border-color:rgb(250, 222, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 222, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 222, 255); box-shadow:4px 4px 4px 4px rgb(250, 222, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7865, 0.3108, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 255) }
```

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

```
.background{ background-color: rgb(250,  
222, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor