

Converting Colors

$Y_{xy}(90.9045, 0.2433, 0.1986)$

Have a look what the booklet for
Yxy(90.9045, 0.2433, 0.1986)
contains.

Yxy(79.4190, 0.3094, 0.2965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.4190, 0.3094, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	F8DEFF
RGB	248, 222, 255
RGB Percent	97%, 87%, 100%
CMY	0.0276, 0.1293, 0.0000
CMYK	0.03, 0.13, 0.00, 0.00
HSL	287°, 100%, 94%
HSV	287°, 13%, 100%
XYZ	82.8743, 79.4190, 105.5616
YIQ	233.5360, 4.9030, 15.7750

Conversions

Conversions Part 2

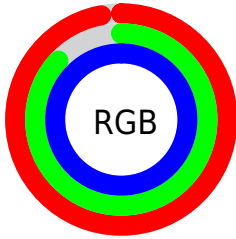
Format	Color
R _Y B	248, 222, 255
Decimal	16310015
CIE Lab	91.42, 14.64, -12.73
CIE LCh	91, 19.402, 318.987
Yxy	79.4190, 0.3094, 0.2965
Android (android.graphics.Color)	4294500095 (0xFFFF8DEFF)
YUV	233.5360, 10.5818, 12.6849
Hunter-Lab	89.1173, 10.0401, -7.8483

Details

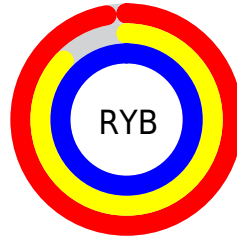
The Yxy color **79.4190, 0.3094, 0.2965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93.4536, 0.3155, 0.3628**, and the grayscale version is **81.8263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7910, 0.3083, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **65.9073, 0.3062, 0.2701**, and if you desaturate by 10%, it is **95.0147, 0.3120, 0.3218**.

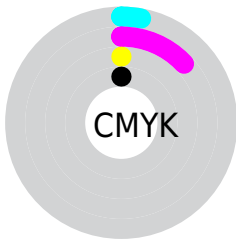
Distribution



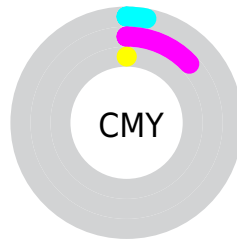
- Red (97%)
- Green (87%)
- Blue (100%)



- Red (97%)
- Yellow (87%)
- Blue (100%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4190, 0.3094, 0.2965 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 79.4190, 0.3094, 0.2965 by changing the saturation by 10% instead.

 79.4190, 0.3094,
0.2965

 79.4190, 0.3094,
0.2965

492.9727, 0.3111,
0.3109

 59.2404, 0.3090,
0.2933

132.5486, 0.3100,
0.3014

 42.8066, 0.3085,
0.2895


166.2683, 0.3102,
0.3033

 29.7334, 0.3078,
0.2847


205.2705, 0.3104,
0.3050

 19.6363, 0.3069,
0.2787

249.9396, 0.3106,
0.3065

 12.1310, 0.3057,
0.2707

300.6600, 0.3107,
0.3078

 6.8329, 0.3038,
0.2597

357.8160, 0.3109,

 3.3578, 0.3007,

0.3090

0.2438

421.7921, 0.3110,
0.3100

■ 1.3213, 0.2949,
0.2185

■ 0.1576, 0.2932,
0.0911

■ 79.4190, 0.3094,
0.2965

■ 79.4190, 0.3094,
0.2965

■ 65.9073, 0.3062,
0.2701

■ 95.0147, 0.3120,
0.3218

■ 54.3774, 0.3024,
0.2433

99.9995, 0.3127,
0.3290

■ 44.7338, 0.2980,
0.2170

■ 36.8691, 0.2930,
0.1922

■ 30.6649, 0.2876,
0.1701

■ 25.9881, 0.2820,
0.1516

■ 22.6852, 0.2762,
0.1377

■ 20.5696, 0.2705,
0.1284

■ 19.5990, 0.2665,
0.1242

Harmonies

Analogous

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



79.4190, 0.2881, 0.2911



79.4190, 0.3094, 0.2965



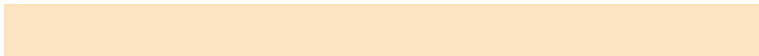
79.4190, 0.3323, 0.3098

Triad

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



79.4190, 0.3094, 0.2965



79.4190, 0.3527, 0.3623



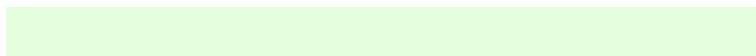
79.4190, 0.2764, 0.3283

Complementary

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



79.4190, 0.3094, 0.2965



93.4536, 0.3155, 0.3628

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.



79.4190, 0.2927, 0.3493



79.4190, 0.3094, 0.2965



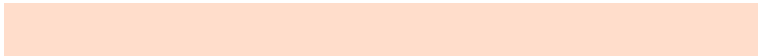
79.4190, 0.3368, 0.3692

Square

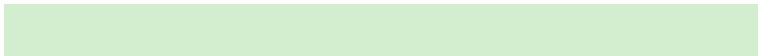
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4190, 0.3094, 0.2965



79.4190, 0.3578, 0.3470



79.4190, 0.3147, 0.3646



79.4190, 0.2696, 0.3084

Rectangle

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



79.4190, 0.3094, 0.2965



79.4190, 0.3452, 0.3216



79.4190, 0.3147, 0.3646



79.4190, 0.2809, 0.3355

Sweetspot

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



79.4224, 0.3094, 0.2965



93.2545, 0.3118, 0.3192



78.8794, 0.2922, 0.3023



19.6970, 0.3116, 0.3173



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.



79.4224, 0.3094, 0.2965



75.0646, 0.3085, 0.2885



80.1420, 0.3204, 0.3058



18.0938, 0.3104, 0.3053



10.3088, 0.2674, 0.1247



1.0501, 0.2738, 0.1282

Inverse Universe

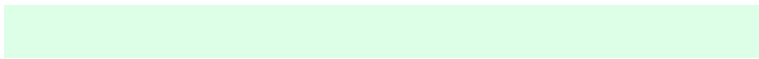
The Inverse Universe completely reimagines the original color for something new.



79.1687, 0.3316, 0.3221



74.7758, 0.3369, 0.3203



92.8372, 0.3058, 0.3533



18.0503, 0.3261, 0.3240



11.2668, 0.6045, 0.3104



1.1122, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 79.4190, 0.3094, 0.2965 looks on a white background.

Color Contrast Check

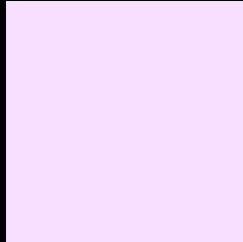
Large Text (above 18pt) WCAG AA × Fail

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 79.4190, 0.3094, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

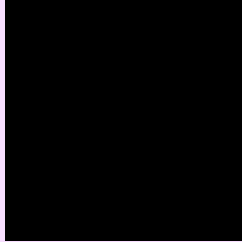
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4190, 0.3094, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 79.4190, 0.3094, 0.2965.

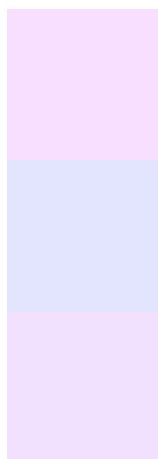


This preview shows how white text looks on a background with the Yxy color 79.4190, 0.3094, 0.2965.

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

79.4190, 0.3094, 0.2965

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.4086, 0.3053, 0.2981



Tritanopia

79.3149, 0.3163, 0.3110

Trichromacy



Original Color

79.4190, 0.3094, 0.2965

Protanomaly

79.2749, 0.3006, 0.2997

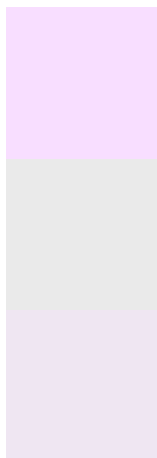
Deuteranomaly

79.2284, 0.3067, 0.2972

Tritanomaly

79.2649, 0.3138, 0.3051

Monochromacy



Original Color

79.4190, 0.3094, 0.2965

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.3552, 0.3113, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4190, 0.3094, 0.2965 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(248, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.4190, 0.3094, 0.2965 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(248, 222, 255) }
```

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

```
.border{ border-color:rgb(248, 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(248, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4190, 0.3094, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 255) }
```

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

```
.background{ background-color: rgb(248,  
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](#).

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