

Converting Colors

$Y_{xy}(79.1062, 0.3085, 0.2962)$

Have a look what the booklet for
Yxy(79.1062, 0.3085, 0.2962)
contains.

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Color

Yxy(79.2367, 0.3087, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	F7DEFF
RGB	247, 222, 255
RGB Percent	97%, 87%, 100%
CMY	0.0315, 0.1294, 0.0000
CMYK	0.03, 0.13, 0.00, 0.00
HSL	285°, 100%, 94%
HSV	285°, 13%, 100%
XYZ	82.5249, 79.2367, 105.5687
YIQ	233.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

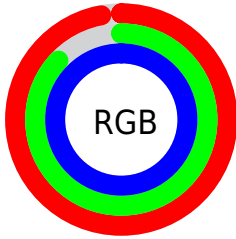
Format	Color
R_{YB}	247, 222, 255
Decimal	16244479
CIE _{Lab}	91.34, 14.32, -12.88
CIE _{LCh}	91, 19.261, 318.039
Yxy	79.2367, 0.3087, 0.2964
Android (android.graphics.Color)	4294434559 (0xFFFF7DEFF)
YUV	233.2370, 10.7292, 12.0702
Hunter-Lab	89.0150, 9.7092, -8.0054

Details

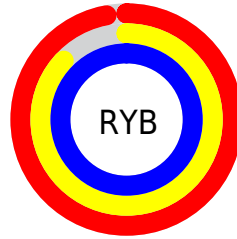
The Yxy color $79.2367, 0.3087, 0.2964$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93.6235, 0.3161, 0.3627$, and the grayscale version is $81.5876, 0.3127, 0.3290$.

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 $65.5922, 0.3049, 0.2699$, and if you desaturate by 10%, it is $94.9713, 0.3119, 0.3218$.

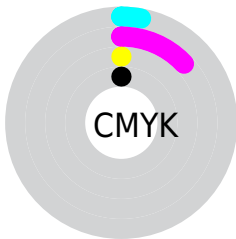
Distribution



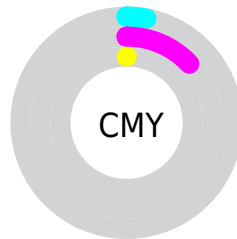
- Red (97%)
- Green (87%)
- Blue (100%)



- 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 79.2367, 0.3087, 0.2964 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 79.2367, 0.3087, 0.2964 by changing the saturation by 10% instead.


 79.2367, 0.3087,
0.2964

 79.2367, 0.3087,
0.2964

492.3567, 0.3107,
0.3109

 59.0904, 0.3082,
0.2932


132.2920, 0.3094,
0.3013

 42.6859, 0.3076,
0.2894


165.9699, 0.3097,
0.3033

 29.6388, 0.3069,
0.2846


204.9271, 0.3099,
0.3050

 19.5646, 0.3058,
0.2785

249.5480, 0.3101,
0.3064

 12.0789, 0.3044,
0.2704

300.2170, 0.3103,
0.3077

 6.7975, 0.3022,
0.2594

357.3186, 0.3104,

 3.3358, 0.2987,

0.3089

0.2434

421.2370, 0.3106,
0.3100

■ 1.3094, 0.2922,
0.2180

■ 0.1485, 0.2879,
0.0871

■ 79.2367, 0.3087,
0.2964

■ 79.2367, 0.3087,
0.2964

■ 65.5922, 0.3049,
0.2699

■ 94.9713, 0.3119,
0.3218

■ 53.9397, 0.3004,
0.2428

100.0000, 0.3127,
0.3290

■ 44.1821, 0.2952,
0.2160

■ 36.2118, 0.2894,
0.1907

■ 29.9103, 0.2831,
0.1680

■ 25.1445, 0.2765,
0.1489

■ 21.7605, 0.2699,
0.1343

■ 19.5716, 0.2633,
0.1245

■ 18.5544, 0.2589,
0.1200

Harmonies

Analogous

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



79.2367, 0.2877, 0.2913



79.2367, 0.3087, 0.2964



79.2367, 0.3315, 0.3094

Triad

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



79.2367, 0.3087, 0.2964



79.2367, 0.3528, 0.3618



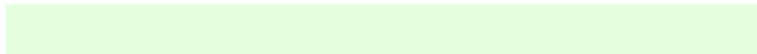
79.2367, 0.2770, 0.3290

Complementary

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



79.2367, 0.3087, 0.2964



93.6235, 0.3161, 0.3627

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.



79.2367, 0.2935, 0.3498



79.2367, 0.3087, 0.2964



79.2367, 0.3373, 0.3689

Square

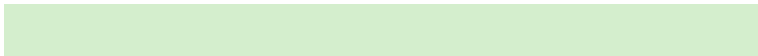
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2367, 0.3087, 0.2964



79.2367, 0.3575, 0.3464



79.2367, 0.3154, 0.3647



79.2367, 0.2700, 0.3091

Rectangle

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



79.2367, 0.3087, 0.2964



79.2367, 0.3444, 0.3210



79.2367, 0.3154, 0.3647



79.2367, 0.2816, 0.3362

Sweetspot

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



79.2388, 0.3087, 0.2964



93.1964, 0.3116, 0.3192



79.4894, 0.2922, 0.3034



19.6823, 0.3114, 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.



79.2388, 0.3087, 0.2964



74.8406, 0.3076, 0.2884



80.2091, 0.3196, 0.3048



18.0648, 0.3099, 0.3053



9.7681, 0.2599, 0.1205



1.0017, 0.2671, 0.1245

Inverse Universe

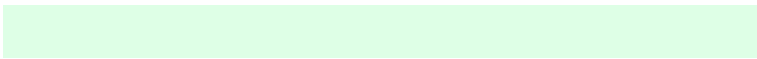
The Inverse Universe completely reimagines the original color for something new.



79.2241, 0.3309, 0.3211



74.8430, 0.3360, 0.3191



92.7792, 0.3065, 0.3545



18.0595, 0.3256, 0.3232



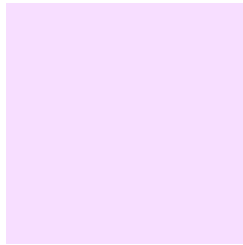
11.3102, 0.5957, 0.3055



1.1176, 0.5643, 0.2883

Previews

White Background



This preview shows how the Yxy color 79.2367, 0.3087, 0.2964 looks on a white background.

Color Contrast Check

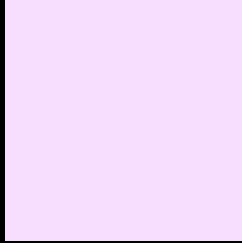
Large Text (above 18pt) WCAG AA × Fail

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 79.2367, 0.3087, 0.2964 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

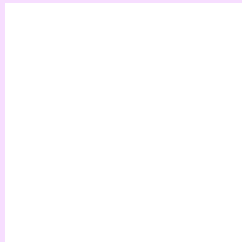
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2367, 0.3087, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 79.2367, 0.3087, 0.2964.

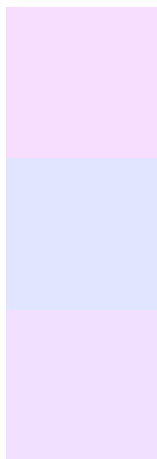


This preview shows how white text looks on a background with the Yxy color 79.2367, 0.3087, 0.2964.

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

79.2367, 0.3087, 0.2964

Protanopia

79.4274, 0.2947, 0.3023

Deuteranopia

79.2321, 0.3046, 0.2980



Tritanopia

79.1346, 0.3157, 0.3109

Trichromacy



Original Color

79.2367, 0.3087, 0.2964

Protanomaly

79.1051, 0.2999, 0.2997

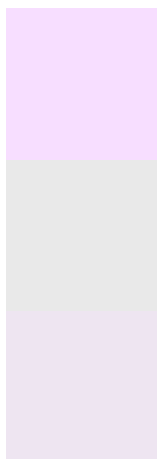
Deuteranomaly

79.0500, 0.3060, 0.2972

Tritanomaly

79.0836, 0.3131, 0.3051

Monochromacy



Original Color

79.2367, 0.3087, 0.2964

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.5666, 0.3112, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2367, 0.3087, 0.2964 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(247, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.2367, 0.3087, 0.2964 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(247, 222, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2367, 0.3087, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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