

Converting Colors

$Y_{xy}(79.3827, 0.3051, 0.3037)$

Have a look what the booklet for
Yxy(79.3827, 0.3051, 0.3037)
contains.

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Color

Yxy(79.5349, 0.3051, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	EEE2FB
RGB	238, 226, 251
RGB Percent	93%, 89%, 98%
CMY	0.0665, 0.1137, 0.0158
CMYK	0.05, 0.10, 0.00, 0.02
HSL	269°, 76%, 94%
HSV	269°, 10%, 98%
XYZ	79.8752, 79.5349, 102.3901
YIQ	232.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

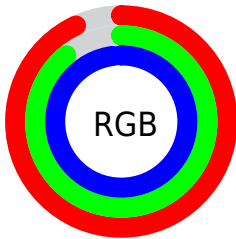
Format	Color
R_{YB}	238, 226, 251
Decimal	15655675
CIE _{Lab}	91.48, 8.58, -10.64
CIE _{LCh}	91, 13.670, 308.890
Yxy	79.5349, 0.3051, 0.3038
Android (android.graphics.Color)	4293845755 (0xFFEEE2FB)
YUV	232.4380, 9.1511, 4.8779
Hunter-Lab	89.1823, 3.8026, -5.6431

Details

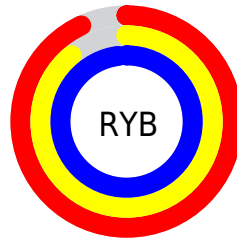
The Yxy color **79.5349, 0.3051, 0.3038** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.8116, 0.3198, 0.3542**, and the grayscale version is **80.9767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9659, 0.3036, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **64.7035, 0.2962, 0.2764**, and if you desaturate by 10%, it is **96.5333, 0.3127, 0.3291**.

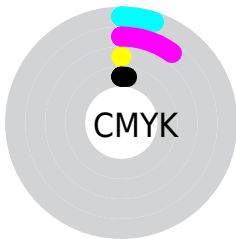
Distribution



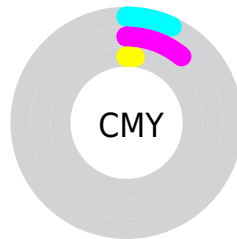
- Red (93%)
- Green (89%)
- Blue (98%)



- Red (93%)
- Yellow (89%)
- Blue (98%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5349, 0.3051, 0.3038 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 79.5349, 0.3051, 0.3038 by changing the saturation by 10% instead.


 79.5349, 0.3051,
0.3038

 79.5349, 0.3051,
0.3038

493.3640, 0.3086,
0.3151

 59.3357, 0.3043,
0.3013


132.7116, 0.3063,
0.3077

 42.8834, 0.3033,
0.2983


166.4579, 0.3068,
0.3092

 29.7937, 0.3020,
0.2945


205.4888, 0.3072,
0.3105

 19.6820, 0.3004,
0.2896


250.1885, 0.3076,
0.3116

 12.1641, 0.2981,
0.2832

300.9414, 0.3079,
0.3127

 6.8555, 0.2949,
0.2743

358.1321, 0.3082,

 3.3719, 0.2898,

0.3136

0.2611

422.1448, 0.3084,
0.3144

■ 1.3288, 0.2810,
0.2397

■ 0.1634, 0.2516,
0.1127

■ 79.5349, 0.3051,
0.3038

■ 79.5349, 0.3051,
0.3038

■ 64.7035, 0.2962,
0.2764

■ 96.5333, 0.3127,
0.3291

■ 51.9391, 0.2858,
0.2472

■ 99.7437, 0.3150,
0.3328

■ 41.1489, 0.2742,
0.2170

■ 32.2287, 0.2615,
0.1869

■ 25.0644, 0.2479,
0.1583

■ 19.5293, 0.2341,
0.1327

■ 15.4784, 0.2206,
0.1116

■ 12.7399, 0.2082,
0.0961

■ 11.0342, 0.1971,
0.0859

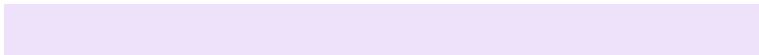
Harmonies

Analogous

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



79.5349, 0.2913, 0.3023



79.5349, 0.3051, 0.3038



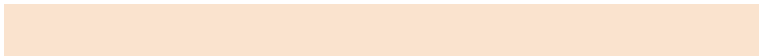
79.5349, 0.3213, 0.3116

Triad

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



79.5349, 0.3051, 0.3038



79.5349, 0.3430, 0.3496



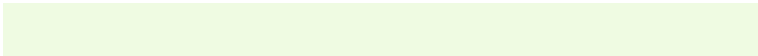
79.5349, 0.2903, 0.3338

Complementary

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



79.5349, 0.3051, 0.3038



92.8116, 0.3198, 0.3542

Split Complementary

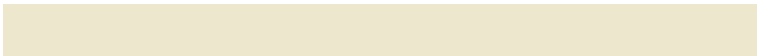
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5349, 0.3037, 0.3474



79.5349, 0.3051, 0.3038



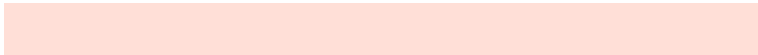
79.5349, 0.3342, 0.3565

Square

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



79.5349, 0.3051, 0.3038



79.5349, 0.3435, 0.3376



79.5349, 0.3197, 0.3558



79.5349, 0.2829, 0.3191

Rectangle

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



79.5349, 0.3051, 0.3038



79.5349, 0.3313, 0.3194



79.5349, 0.3197, 0.3558



79.5349, 0.2942, 0.3386

Sweetspot

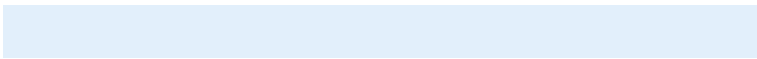
The Sweet Spot groups the original color and five complimentary colors.



79.5383, 0.3051, 0.3038



94.4720, 0.3105, 0.3216



85.0526, 0.2972, 0.3171



19.9122, 0.3100, 0.3196



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.



79.5383, 0.3051, 0.3038



79.1235, 0.3034, 0.2983



81.7054, 0.3133, 0.3044



17.0535, 0.3055, 0.3050



5.8833, 0.1987, 0.0868



0.6077, 0.2117, 0.0940

Inverse Universe

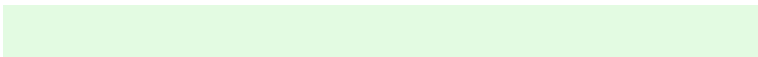
The Inverse Universe completely reimagines the original color for something new.



81.1242, 0.3217, 0.3162



81.0927, 0.3238, 0.3134



90.7751, 0.3120, 0.3548



17.3754, 0.3212, 0.3168



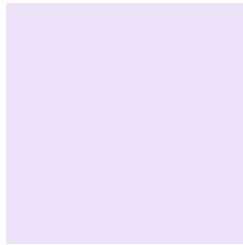
11.6574, 0.4886, 0.2465



1.1011, 0.4631, 0.2325

Previews

White Background



This preview shows how the Yxy color 79.5349, 0.3051, 0.3038 looks on a white background.

Color Contrast Check

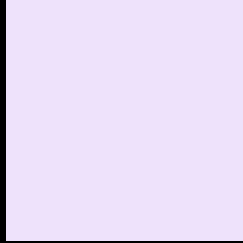
Large Text (above 18pt) WCAG AA × Fail

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 79.5349, 0.3051, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

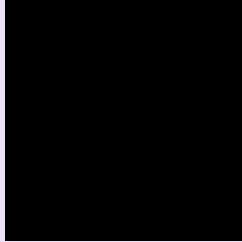
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

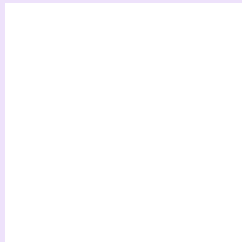
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5349, 0.3051, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 79.5349, 0.3051, 0.3038.

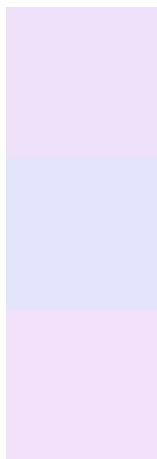


This preview shows how white text looks on a background with the Yxy color 79.5349, 0.3051, 0.3038.

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

79.5349, 0.3051, 0.3038

Protanopia

79.6245, 0.2972, 0.3044

Deuteranopia

79.3310, 0.3085, 0.3020



Tritanopia

79.5353, 0.3081, 0.3107

Trichromacy



Original Color

79.5349, 0.3051, 0.3038

Protanomaly

79.6709, 0.3004, 0.3046

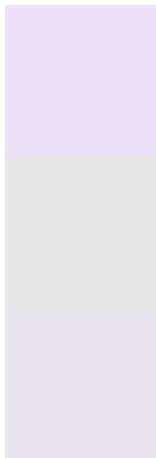
Deuteranomaly

79.5162, 0.3071, 0.3029

Tritanomaly

79.6581, 0.3069, 0.3087

Monochromacy



Original Color

79.5349, 0.3051, 0.3038

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3180, 0.3098, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5349, 0.3051, 0.3038 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(238, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 251)  
}
```

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(238, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 251) }
```

Border

The CSS property to change the border of an element to Yxy 79.5349, 0.3051, 0.3038 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(238, 226, 251) }
```

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

```
.border{ border-color:rgb(238, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5349, 0.3051, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 251) }
```

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

```
.background{ background-color: rgb(238,  
226, 251) }
```

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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