

Converting Colors

$Yxy(79.4927, 0.3118, 0.3187)$

Have a look what the booklet for
Yxy(79.4927, 0.3118, 0.3187)
contains.

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Color

Yxy(79.4927, 0.3118, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	ECE4EE
RGB	236, 228, 238
RGB Percent	93%, 89%, 93%
CMY	0.0745, 0.1059, 0.0665
CMYK	0.01, 0.04, 0.00, 0.07
HSL	288°, 23%, 91%
HSV	288°, 4%, 93%
XYZ	77.7716, 79.4927, 92.1636
YIQ	231.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

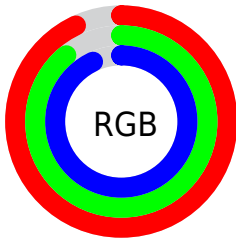
Format	Color
R _Y B	236, 228, 238
Decimal	15525102
CIE Lab	91.46, 4.49, -3.92
CIE LCh	91, 5.956, 318.854
Yxy	79.4927, 0.3118, 0.3187
Android (android.graphics.Color)	4293715182 (0xFFECE4EE)
YUV	231.5320, 3.1887, 3.9184
Hunter-Lab	89.1587, -0.3251, 1.1228

Details

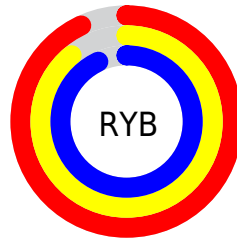
The Yxy color **79.4927, 0.3118, 0.3187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6049, 0.3136, 0.3394**, and the grayscale version is **80.3063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9678, 0.3115, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **66.4699, 0.3093, 0.2933**, and if you desaturate by 10%, it is **94.3480, 0.3138, 0.3427**.

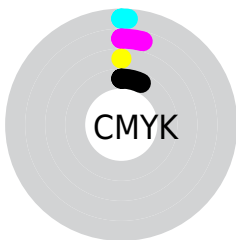
Distribution



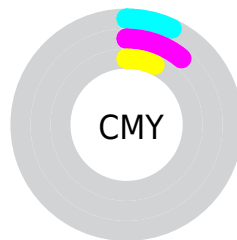
- Red (93%)
- Green (89%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4927, 0.3118, 0.3187 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 79.4927, 0.3118, 0.3187 by changing the saturation by 10% instead.


 79.4927, 0.3118,
0.3187

 79.4927, 0.3118,
0.3187

493.2216, 0.3122,
0.3234

 59.3010, 0.3117,
0.3177

132.6523, 0.3120,
0.3203

 42.8555, 0.3116,
0.3164


166.3889, 0.3120,
0.3209

 29.7717, 0.3114,
0.3148


205.4093, 0.3121,
0.3215

 19.6654, 0.3112,
0.3127

250.0978, 0.3121,
0.3219

 12.1520, 0.3109,
0.3100

300.8390, 0.3121,
0.3224

 6.8473, 0.3105,
0.3061

358.0170, 0.3122,

 3.3668, 0.3098,

0.3227

0.3002

422.0164, 0.3122,
0.3231

■ 1.3261, 0.3085,
0.2903

■ 0.1613, 0.3008,
0.1846

■ 79.4927, 0.3118,
0.3187

■ 79.4927, 0.3118,
0.3187

■ 66.4699, 0.3093,
0.2933

■ 94.3480, 0.3138,
0.3427

■ 55.1959, 0.3062,
0.2670

■ 97.2319, 0.3167,
0.3456

■ 45.5958, 0.3025,
0.2404

■ 98.1181, 0.3198,
0.3455

■ 37.5851, 0.2983,
0.2144

■ 98.9554, 0.3226,
0.3453

■ 31.0720, 0.2936,
0.1901

■ 25.9553, 0.2885,
0.1686

■ 22.1208, 0.2831,
0.1509

■ 19.4365, 0.2776,
0.1376

■ 17.7407, 0.2721,
0.1290

Harmonies

Analogous

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



79.4927, 0.3052, 0.3171



79.4927, 0.3118, 0.3187



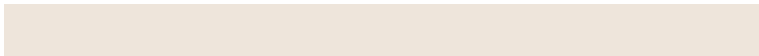
79.4927, 0.3188, 0.3230

Triad

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



79.4927, 0.3118, 0.3187



79.4927, 0.3250, 0.3394



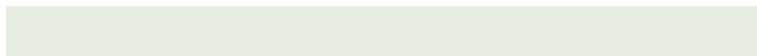
79.4927, 0.3014, 0.3290

Complementary

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



79.4927, 0.3118, 0.3187



83.6049, 0.3136, 0.3394

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.



79.4927, 0.3067, 0.3352



79.4927, 0.3118, 0.3187



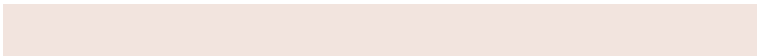
79.4927, 0.3202, 0.3412

Square

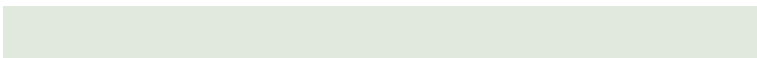
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4927, 0.3118, 0.3187



79.4927, 0.3264, 0.3348



79.4927, 0.3135, 0.3396



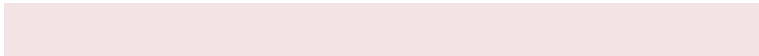
79.4927, 0.2992, 0.3230

Rectangle

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



79.4927, 0.3118, 0.3187



79.4927, 0.3226, 0.3268



79.4927, 0.3135, 0.3396



79.4927, 0.3029, 0.3312

Sweetspot

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



79.4961, 0.3118, 0.3187



98.2855, 0.3125, 0.3266



79.3623, 0.3063, 0.3208



21.0552, 0.3125, 0.3267



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.



79.4961, 0.3118, 0.3187



91.6443, 0.3116, 0.3167



79.6820, 0.3150, 0.3216



16.9654, 0.3115, 0.3151



9.5759, 0.2699, 0.1260



0.8372, 0.2769, 0.1299

Inverse Universe

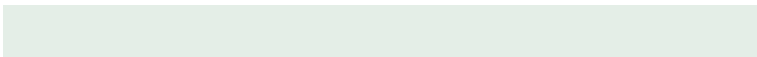
The Inverse Universe completely reimagines the original color for something new.



79.3882, 0.3183, 0.3269



91.4963, 0.3195, 0.3265



83.4280, 0.3105, 0.3365



16.9344, 0.3204, 0.3262



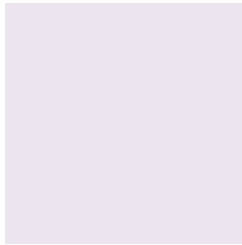
10.2769, 0.6064, 0.3114



0.8688, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 79.4927, 0.3118, 0.3187 looks on a white background.

Color Contrast Check

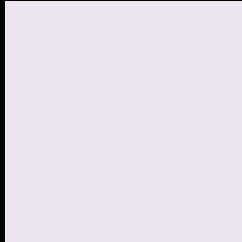
Large Text (above 18pt) WCAG AA × Fail

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 79.4927, 0.3118, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

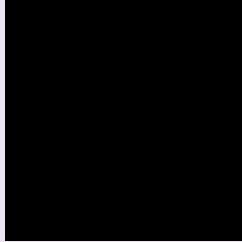
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

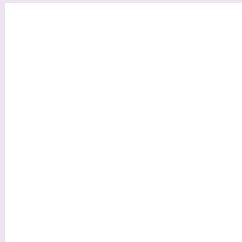
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4927, 0.3118, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 79.4927, 0.3118, 0.3187.

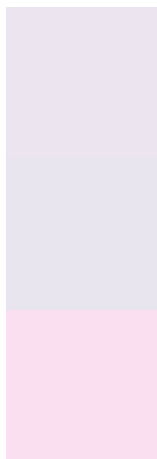


This preview shows how white text looks on a background with the Yxy color 79.4927, 0.3118, 0.3187.

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

79.4927, 0.3118, 0.3187

Protanopia

79.4264, 0.3084, 0.3187

Deuteranopia

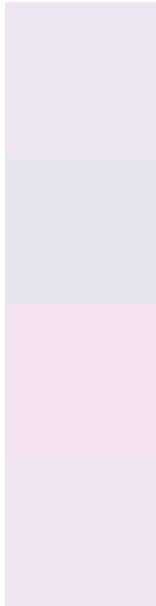
79.1471, 0.3205, 0.3130



Tritanopia

79.5353, 0.3081, 0.3107

Trichromacy



Original Color

79.4927, 0.3118, 0.3187

Protanomaly

79.5943, 0.3091, 0.3187

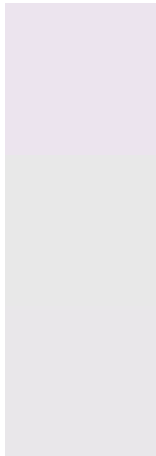
Deuteranomaly

79.3155, 0.3169, 0.3149

Tritanomaly

79.3535, 0.3100, 0.3137

Monochromacy



Original Color

79.4927, 0.3118, 0.3187

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.4160, 0.3122, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4927, 0.3118, 0.3187 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(236, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 238)  
}
```

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(236, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.4927, 0.3118, 0.3187 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(236, 228, 238) }
```

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

```
.border{ border-color:rgb(236, 228, 238) }
```

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

Here you see how a box with a 4 pixel rgb(236, 228, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4927, 0.3118, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 238) }
```

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

```
.background{ background-color: rgb(236,  
228, 238) }
```

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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