

Converting Colors

$Yxy(79.2856, 0.3071, 0.3205)$

Have a look what the booklet for
Yxy(79.2856, 0.3071, 0.3205)
contains.

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Color

Yxy(79.4247, 0.3070, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	E5E6EE
RGB	229, 230, 238
RGB Percent	90%, 90%, 93%
CMY	0.1021, 0.0980, 0.0667
CMYK	0.04, 0.03, 0.00, 0.07
HSL	233°, 21%, 92%
HSV	233°, 4%, 93%
XYZ	76.0318, 79.4247, 92.2040
YIQ	230.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

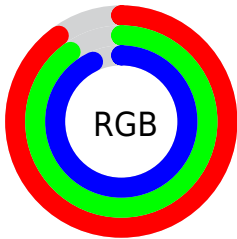
Format	Color
R _Y B	229, 230, 238
Decimal	15066862
CIE Lab	91.43, 1.10, -4.00
CIE LCh	91, 4.149, 285.424
Yxy	79.4247, 0.3070, 0.3207
Android (android.graphics.Color)	4293256942 (0xFFE5E6EE)
YUV	230.6130, 3.6418, -1.4146
Hunter-Lab	89.1205, -3.6765, 1.0430

Details

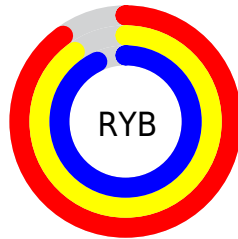
The Yxy color **79.4247, 0.3070, 0.3207** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3607, 0.3184, 0.3372**, and the grayscale version is **79.5806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0360, 0.3062, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **64.7783, 0.2907, 0.2968**, and if you desaturate by 10%, it is **96.0244, 0.3215, 0.3417**.

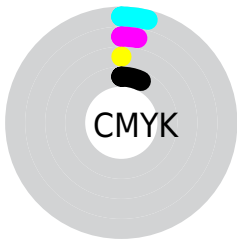
Distribution



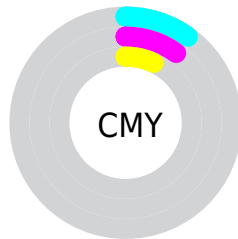
- Red (90%)
- Green (90%)
- Blue (93%)



- Red (90%)
- Yellow (90%)
- Blue (93%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4247, 0.3070, 0.3207 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 79.4247, 0.3070, 0.3207 by changing the saturation by 10% instead.

■ 79.4247, 0.3070,
0.3207

■ 79.4247, 0.3070,
0.3207

492.9919, 0.3096,
0.3245

■ 59.2451, 0.3064,
0.3199

132.5566, 0.3079,
0.3220

■ 42.8104, 0.3057,
0.3188

166.2776, 0.3083,
0.3225

■ 29.7364, 0.3048,
0.3175

205.2812, 0.3086,
0.3229

■ 19.6386, 0.3036,
0.3158

249.9518, 0.3088,
0.3233

■ 12.1326, 0.3020,
0.3135

300.6738, 0.3091,
0.3237

■ 6.8341, 0.2998,
0.3103

357.8315, 0.3093,

■ 3.3585, 0.2963,

0.3240

0.3054

421.8095, 0.3094,
0.3242

■ 1.3217, 0.2903,
0.2970

■ 0.1579, 0.2251,
0.2008

■ 79.4247, 0.3070,
0.3207

■ 79.4247, 0.3070,
0.3207

■ 64.7783, 0.2907,
0.2968

■ 96.0244, 0.3215,
0.3417

■ 52.0033, 0.2727,
0.2699

■ 98.9525, 0.3226,
0.3454

■ 41.0272, 0.2533,
0.2402

■ 31.7688, 0.2329,
0.2084

■ 24.1406, 0.2125,
0.1758

■ 18.0473, 0.1933,
0.1440

■ 13.3838, 0.1765,
0.1151

■ 10.0313, 0.1636,
0.0913

■ 7.8511, 0.1551,
0.0742

Harmonies

Analogous

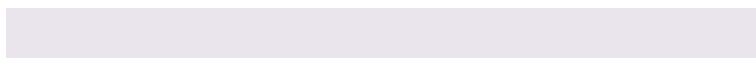
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4247, 0.3040, 0.3220



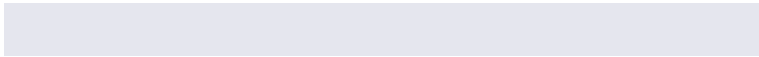
79.4247, 0.3070, 0.3207



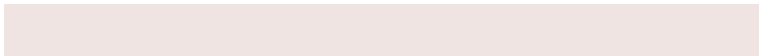
79.4247, 0.3115, 0.3216

Triad

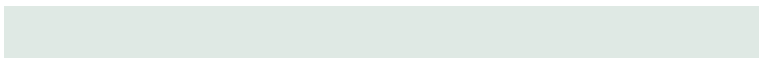
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4247, 0.3070, 0.3207



79.4247, 0.3222, 0.3327



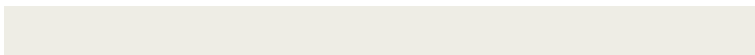
79.4247, 0.3090, 0.3337

Complementary

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



79.4247, 0.3070, 0.3207



84.3607, 0.3184, 0.3372

Split Complementary

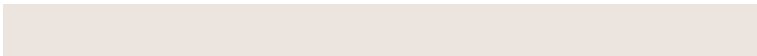
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4247, 0.3139, 0.3366



79.4247, 0.3070, 0.3207



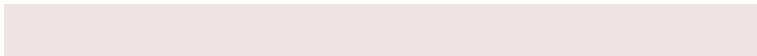
79.4247, 0.3215, 0.3360

Square

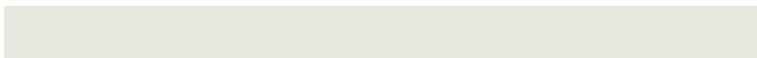
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



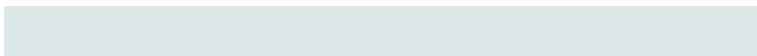
79.4247, 0.3070, 0.3207



79.4247, 0.3203, 0.3284



79.4247, 0.3184, 0.3374



79.4247, 0.3052, 0.3295

Rectangle

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



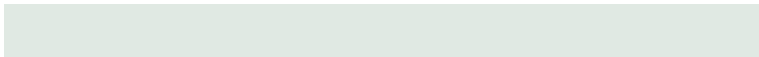
79.4247, 0.3070, 0.3207



79.4247, 0.3148, 0.3233



79.4247, 0.3184, 0.3374



79.4247, 0.3106, 0.3349

Sweetspot

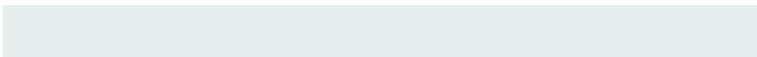
The Sweet Spot groups the original color and five complimentary colors.



79.4281, 0.3070, 0.3207



98.0914, 0.3112, 0.3268



83.8975, 0.3075, 0.3302



21.0157, 0.3113, 0.3270



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.



79.4281, 0.3070, 0.3207



90.6880, 0.3051, 0.3179



79.3912, 0.3093, 0.3197



16.7629, 0.3041, 0.3164



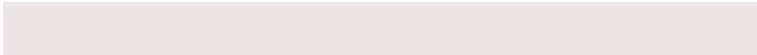
3.9985, 0.1524, 0.0686



0.4291, 0.1571, 0.0856

Inverse Universe

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



79.9071, 0.3183, 0.3279



91.4292, 0.3202, 0.3276



84.4066, 0.3161, 0.3383



16.9202, 0.3212, 0.3274



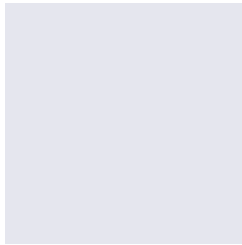
10.1970, 0.6256, 0.3220



0.8580, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 79.4247, 0.3070, 0.3207 looks on a white background.

Color Contrast Check

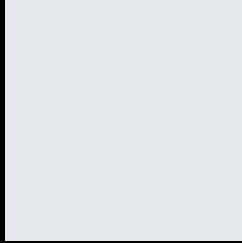
Large Text (above 18pt) WCAG AA × Fail

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 79.4247, 0.3070, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

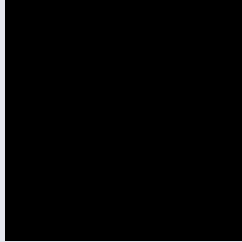
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

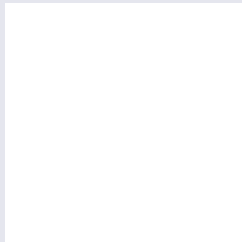
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4247, 0.3070, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 79.4247, 0.3070, 0.3207.

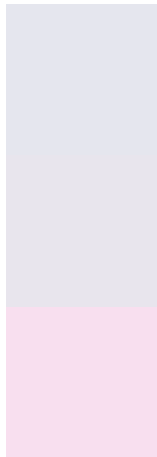


This preview shows how white text looks on a background with the Yxy color 79.4247, 0.3070, 0.3207.

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

79.4247, 0.3070, 0.3207

Protanopia

79.3089, 0.3097, 0.3207

Deuteranopia

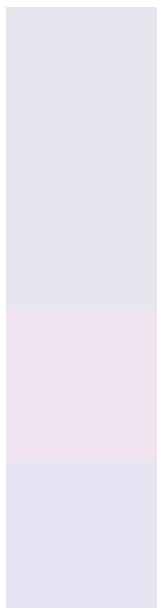
78.9638, 0.3198, 0.3130



Tritanopia

79.5770, 0.3022, 0.3105

Trichromacy



Original Color

79.4247, 0.3070, 0.3207

Protanomaly

79.1420, 0.3090, 0.3207

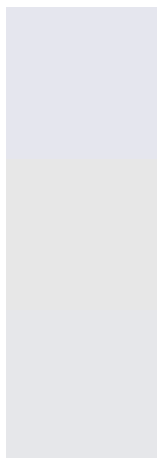
Deuteranomaly

79.3255, 0.3147, 0.3158

Tritanomaly

79.3933, 0.3040, 0.3135

Monochromacy



Original Color

79.4247, 0.3070, 0.3207

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.9153, 0.3102, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4247, 0.3070, 0.3207 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(229, 230, 238) looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 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(229, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.4247, 0.3070, 0.3207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

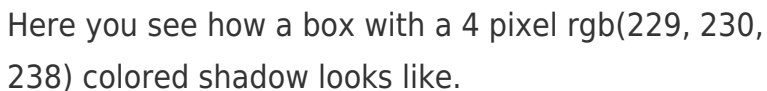
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 230, 238) }
```

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

```
.border{ border-color:rgb(229, 230, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 230, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 230, 238); box-shadow:4px 4px 4px 4px rgb(229, 230, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4247, 0.3070, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 238) }
```

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

```
.background{ background-color: rgb(229,  
230, 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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