

Converting Colors

$Yxy(80.0744, 0.3145, 0.3238)$

Have a look what the booklet for
Yxy(80.0744, 0.3145, 0.3238)
contains.

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Color

Yxy(79.9837, 0.3150, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	EDE5EA
RGB	237, 229, 234
RGB Percent	93%, 90%, 92%
CMY	0.0707, 0.1019, 0.0824
CMYK	0.00, 0.03, 0.01, 0.07
HSL	322°, 18%, 91%
HSV	322°, 3%, 93%
XYZ	77.7859, 79.9837, 89.1698
YIQ	231.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

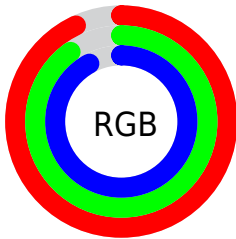
Format	Color
R _Y B	237, 229, 234
Decimal	15590890
CIE Lab	91.68, 3.56, -1.47
CIE LCh	92, 3.852, 337.613
Yxy	79.9837, 0.3150, 0.3239
Android (android.graphics.Color)	4293780970 (0xFFE5E5)
YUV	231.9620, 1.0047, 4.4183
Hunter-Lab	89.4336, -1.2563, 3.4884

Details

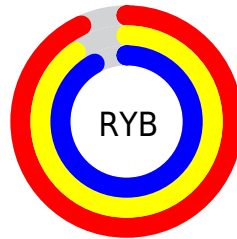
The Yxy color **79.9837, 0.3150, 0.3239** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.0373, 0.3105, 0.3342**, and the grayscale version is **80.6555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3102, 0.3156, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **67.2571, 0.3227, 0.3081**, and if you desaturate by 10%, it is **94.5328, 0.3086, 0.3388**.

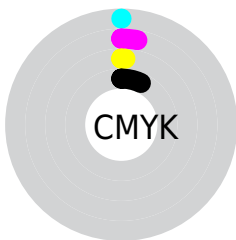
Distribution



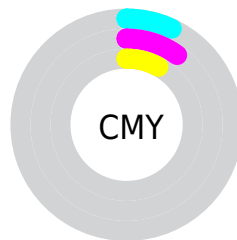
- Red (93%)
- Green (90%)
- Blue (92%)



- Red (93%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (7%)




- Cyan (7%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9837, 0.3150, 0.3239 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 79.9837, 0.3150, 0.3239 by changing the saturation by 10% instead.


 79.9837, 0.3150,
0.3239

 79.9837, 0.3150,
0.3239


494.8779, 0.3140,
0.3262

 59.7049, 0.3152,
0.3234


133.3428, 0.3146,
0.3247

 43.1809, 0.3155,
0.3227


167.1920, 0.3145,
0.3250

 30.0270, 0.3159,
0.3219

206.3334, 0.3144,
0.3253

 19.8591, 0.3163,
0.3209

251.1514, 0.3143,
0.3255

 12.2927, 0.3169,
0.3195

302.0305, 0.3142,
0.3257

 6.9433, 0.3178,
0.3176

359.3550, 0.3141,

 3.4267, 0.3191,

0.3259

0.3146

423.5093, 0.3140,
0.3261

■ 1.3583, 0.3214,
0.3095

■ 0.1857, 0.3494,
0.2463

■ 79.9837, 0.3150,
0.3239

■ 79.9837, 0.3150,
0.3239

■ 67.2571, 0.3227,
0.3081

■ 94.5328, 0.3086,
0.3388

■ 56.2702, 0.3318,
0.2918

■ 96.5321, 0.3035,
0.3322

■ 46.9491, 0.3425,
0.2752

■ 96.7392, 0.3017,
0.3290

■ 39.2108, 0.3549,
0.2591

■ 32.9649, 0.3690,
0.2443

■ 28.1119, 0.3845,
0.2319

■ 24.5401, 0.4011,
0.2231

■ 22.1204, 0.4183,
0.2190

■ 20.6960, 0.4352,
0.2201

Harmonies

Analogous

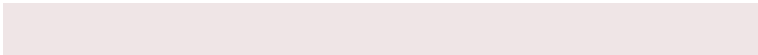
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9837, 0.3104, 0.3217



79.9837, 0.3150, 0.3239



79.9837, 0.3190, 0.3274

Triad

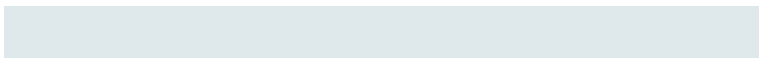
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9837, 0.3150, 0.3239



79.9837, 0.3189, 0.3367



79.9837, 0.3043, 0.3265

Complementary

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



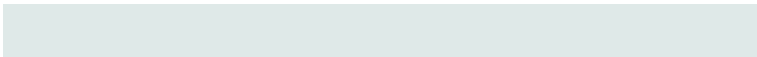
79.9837, 0.3150, 0.3239



83.0373, 0.3105, 0.3342

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.



79.9837, 0.3065, 0.3306



79.9837, 0.3150, 0.3239



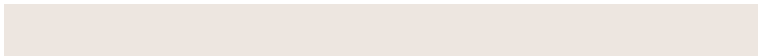
79.9837, 0.3150, 0.3365

Square

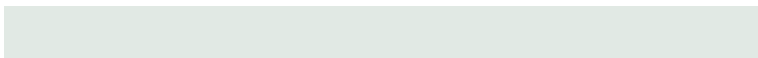
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



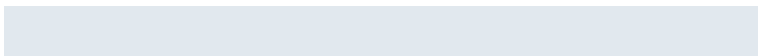
79.9837, 0.3150, 0.3239



79.9837, 0.3212, 0.3348



79.9837, 0.3104, 0.3342



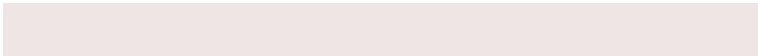
79.9837, 0.3043, 0.3232

Rectangle

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



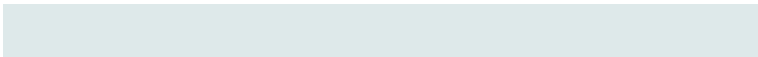
79.9837, 0.3150, 0.3239



79.9837, 0.3207, 0.3301



79.9837, 0.3104, 0.3342



79.9837, 0.3048, 0.3278

Sweetspot

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



79.9872, 0.3150, 0.3239



98.3224, 0.3134, 0.3275



79.3054, 0.3097, 0.3208



21.0627, 0.3134, 0.3276



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.



79.9872, 0.3150, 0.3239



93.4200, 0.3155, 0.3229



79.7649, 0.3175, 0.3279



16.5069, 0.3160, 0.3218



11.0258, 0.4436, 0.2218



0.8843, 0.4221, 0.2099

Inverse Universe

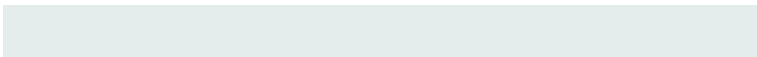
The Inverse Universe completely reimagines the original color for something new.



79.9872, 0.3150, 0.3239



93.4200, 0.3155, 0.3229



83.2620, 0.3081, 0.3301



16.5069, 0.3160, 0.3218



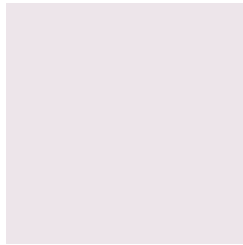
11.0258, 0.4436, 0.2218



0.8843, 0.4221, 0.2099

Previews

White Background



This preview shows how the Yxy color 79.9837, 0.3150, 0.3239 looks on a white background.

Color Contrast Check

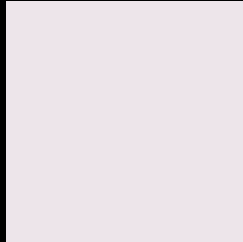
Large Text (above 18pt) WCAG AA × Fail

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 79.9837, 0.3150, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

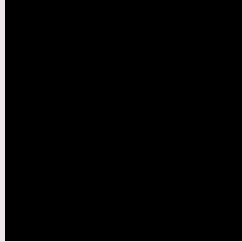
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

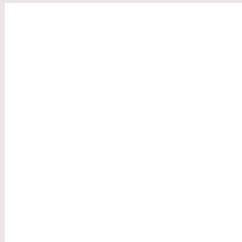
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9837, 0.3150, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 79.9837, 0.3150, 0.3239.

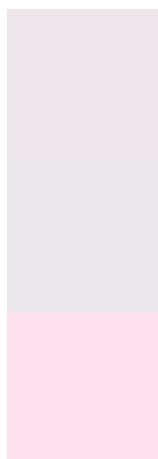


This preview shows how white text looks on a background with the Yxy color 79.9837, 0.3150, 0.3239.

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

79.9837, 0.3150, 0.3239

Protanopia

80.0266, 0.3129, 0.3249

Deuteranopia

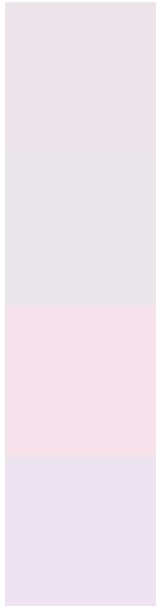
80.0049, 0.3252, 0.3181



Tritanopia

79.8815, 0.3095, 0.3108

Trichromacy



Original Color

79.9837, 0.3150, 0.3239

Protanomaly

80.1963, 0.3136, 0.3249

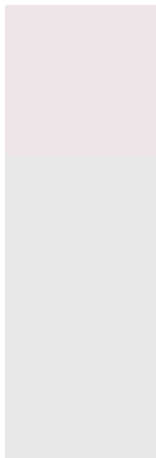
Deuteranomaly

80.1650, 0.3215, 0.3200

Tritanomaly

80.0148, 0.3113, 0.3158

Monochromacy



Original Color

79.9837, 0.3150, 0.3239

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5274, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9837, 0.3150, 0.3239 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(237, 229, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 234)  
}
```

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(237, 229, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.9837, 0.3150, 0.3239 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(237, 229, 234) }
```

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

```
.border{ border-color:rgb(237, 229, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9837, 0.3150, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 234) }
```

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

```
.background{ background-color: rgb(237,  
229, 234) }
```

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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