

Converting Colors

$Yxy(79.2628, 0.3070, 0.3263)$

Have a look what the booklet for
Yxy(79.2628, 0.3070, 0.3263)
contains.

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Color

Yxy(79.0999, 0.3068, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E1E7EA
RGB	225, 231, 234
RGB Percent	88%, 91%, 92%
CMY	0.1175, 0.0941, 0.0823
CMYK	0.04, 0.01, 0.00, 0.08
HSL	200°, 18%, 90%
HSV	200°, 4%, 92%
XYZ	74.4870, 79.0999, 89.1998
YIQ	229.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

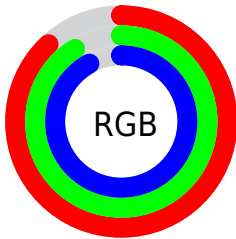
Format	Color
R _Y B	225, 229, 234
Decimal	14804970
CIE Lab	91.28, -1.43, -2.17
CIE LCh	91, 2.602, 236.679
Yxy	79.0999, 0.3068, 0.3258
Android (android.graphics.Color)	4292995050 (0xFFE1E7EA)
YUV	229.5480, 2.1948, -3.9886
Hunter-Lab	88.9381, -6.1454, 2.7922

Details

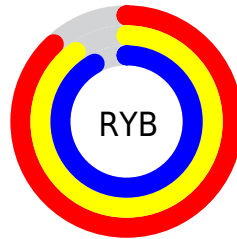
The Yxy color **79.0999, 0.3068, 0.3258** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.4509, 0.3188, 0.3322**, and the grayscale version is **78.7709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4203, 0.3059, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **71.2860, 0.2913, 0.3169**, and if you desaturate by 10%, it is **87.6344, 0.3221, 0.3338**.

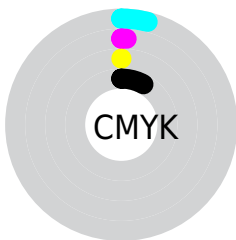
Distribution



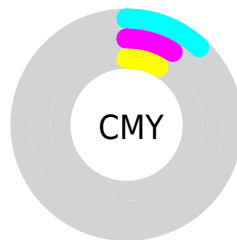
- Red (88%)
- Green (91%)
- Blue (92%)



- Red (88%)
- Yellow (90%)
- Blue (92%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0999, 0.3068, 0.3258 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 79.0999, 0.3068, 0.3258 by changing the saturation by 10% instead.

■ 79.0999, 0.3068,
0.3258

■ 79.0999, 0.3068,
0.3258

491.8942, 0.3095,
0.3273

■ 58.9779, 0.3062,
0.3255

132.0995, 0.3077,
0.3263

■ 42.5954, 0.3054,
0.3251

165.7459, 0.3081,
0.3265

■ 29.5678, 0.3045,
0.3245

204.6693, 0.3084,
0.3267

■ 19.5107, 0.3033,
0.3239

249.2540, 0.3087,
0.3268

■ 12.0399, 0.3017,
0.3230

299.8845, 0.3089,
0.3270

■ 6.7709, 0.2993,
0.3217

356.9451, 0.3091,

■ 3.3192, 0.2958,

0.3271

0.3196

420.8202, 0.3093,
0.3272

■ 1.3006, 0.2897,
0.3161

■ 0.1416, 0.1821,
0.2586

■ 79.0999, 0.3068,
0.3258

■ 79.0999, 0.3068,
0.3258

■ 71.2860, 0.2913,
0.3169

■ 87.6344, 0.3221,
0.3338

■ 64.1592, 0.2757,
0.3070

■ 93.5682, 0.3258,
0.3414

■ 57.6979, 0.2605,
0.2963

■ 98.4805, 0.3250,
0.3489

■ 51.8756, 0.2460,
0.2847

■ 98.7218, 0.3250,
0.3493

■ 46.6635, 0.2325,
0.2725

■ 42.0301, 0.2204,
0.2598

■ 37.9402, 0.2101,
0.2468

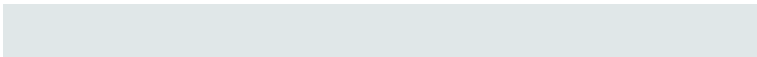
■ 34.3534, 0.2018,
0.2338

■ 31.2214, 0.1956,
0.2210

Harmonies

Analogous

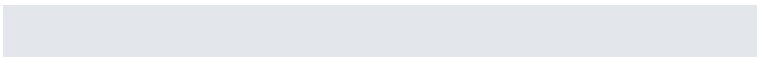
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0999, 0.3074, 0.3283



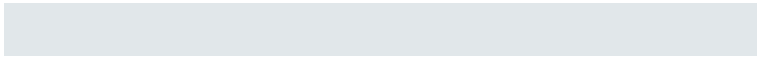
79.0999, 0.3068, 0.3258



79.0999, 0.3078, 0.3242

Triad

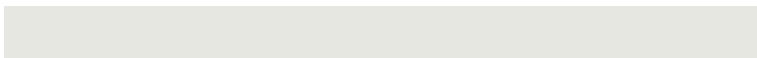
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0999, 0.3068, 0.3258



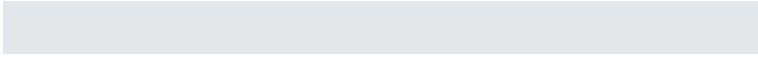
79.0999, 0.3161, 0.3270



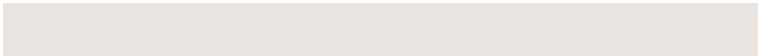
79.0999, 0.3153, 0.3343

Complementary

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



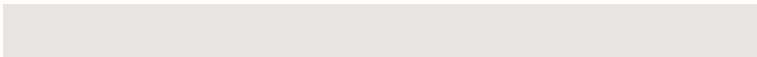
79.0999, 0.3068, 0.3258



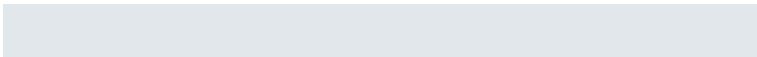
78.4509, 0.3188, 0.3322

Split Complementary

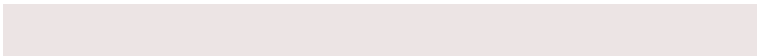
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0999, 0.3177, 0.3339



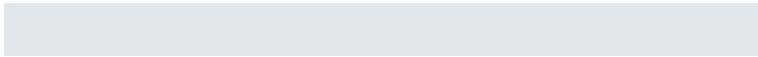
79.0999, 0.3068, 0.3258



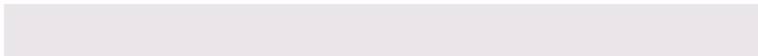
79.0999, 0.3181, 0.3297

Square

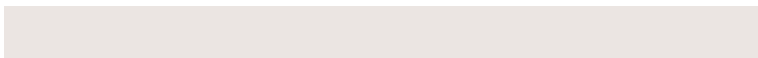
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0999, 0.3068, 0.3258



79.0999, 0.3131, 0.3249



79.0999, 0.3187, 0.3322



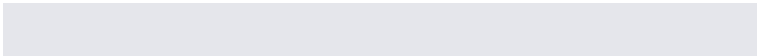
79.0999, 0.3123, 0.3332

Rectangle

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



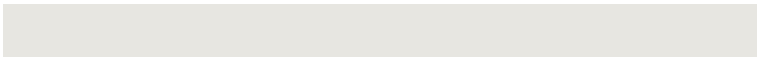
79.0999, 0.3068, 0.3258



79.0999, 0.3092, 0.3238



79.0999, 0.3187, 0.3322



79.0999, 0.3162, 0.3343

Sweetspot

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



79.1033, 0.3068, 0.3258



98.9733, 0.3112, 0.3282



80.4735, 0.3104, 0.3353



21.1952, 0.3113, 0.3282



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.



79.1033, 0.3068, 0.3258



94.9545, 0.3050, 0.3248



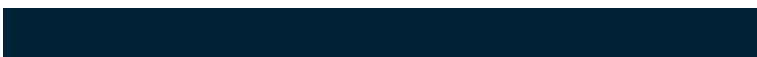
76.6334, 0.3069, 0.3211



16.8691, 0.3040, 0.3242



16.8011, 0.1931, 0.2152



1.4956, 0.1980, 0.2328

Inverse Universe

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



77.1309, 0.3151, 0.3228



91.8599, 0.3159, 0.3209



80.9425, 0.3185, 0.3368



16.2474, 0.3163, 0.3198



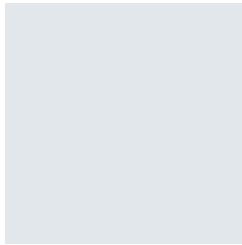
11.1889, 0.4284, 0.2134



0.8964, 0.4097, 0.2031

Previews

White Background



This preview shows how the Yxy color 79.0999, 0.3068, 0.3258 looks on a white background.

Color Contrast Check

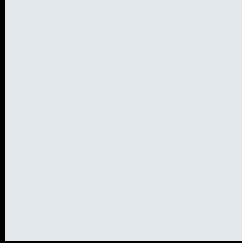
Large Text (above 18pt) WCAG AA × Fail

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 79.0999, 0.3068, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

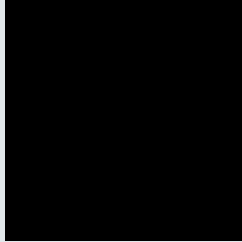
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

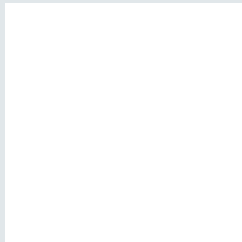
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0999, 0.3068, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 79.0999, 0.3068, 0.3258.

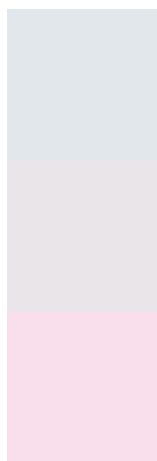


This preview shows how white text looks on a background with the Yxy color 79.0999, 0.3068, 0.3258.

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

79.0999, 0.3068, 0.3258

Protanopia

79.2455, 0.3129, 0.3249

Deuteranopia

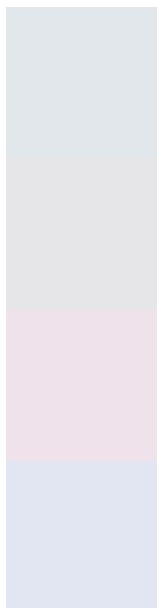
78.9712, 0.3225, 0.3160



Tritanopia

79.0849, 0.3002, 0.3104

Trichromacy



Original Color

79.0999, 0.3068, 0.3258

Protanomaly

79.2998, 0.3108, 0.3259

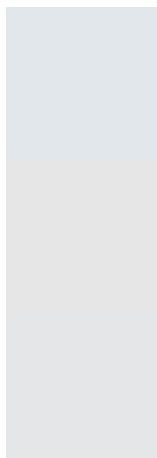
Deuteranomaly

78.9161, 0.3166, 0.3198

Tritanomaly

79.1732, 0.3026, 0.3165

Monochromacy



Original Color

79.0999, 0.3068, 0.3258

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8571, 0.3107, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0999, 0.3068, 0.3258 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(225, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 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(225, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.0999, 0.3068, 0.3258 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(225, 231, 234) }
```

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

```
.border{ border-color:rgb(225, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0999, 0.3068, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 234) }
```

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

```
.background{ background-color: rgb(225,  
231, 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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