

Converting Colors

$Y_{xy}(78.8545, 0.3052, 0.3196)$

Have a look what the booklet for
Yxy(78.8545, 0.3052, 0.3196)
contains.

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Color

Yxy(79.1565, 0.3051, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	E3E6EF
RGB	227, 230, 239
RGB Percent	89%, 90%, 94%
CMY	0.1096, 0.0981, 0.0628
CMYK	0.05, 0.04, 0.00, 0.06
HSL	225°, 27%, 91%
HSV	225°, 5%, 94%
XYZ	75.5652, 79.1565, 92.9519
YIQ	230.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

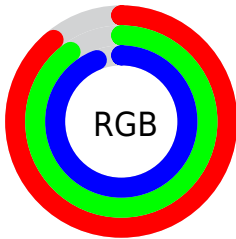
Format	Color
R _Y B	227, 229, 239
Decimal	14935791
CIE Lab	91.31, 0.67, -4.72
CIE LCh	91, 4.766, 278.129
Yxy	79.1565, 0.3051, 0.3196
Android (android.graphics.Color)	4293125871 (0xFFE3E6EF)
YUV	230.1290, 4.3734, -2.7441
Hunter-Lab	88.9699, -4.0912, 0.3353

Details

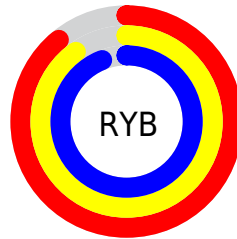
The Yxy color **79.1565, 0.3051, 0.3196** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9178, 0.3203, 0.3382**, and the grayscale version is **79.2071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8495, 0.3037, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **66.0284, 0.2888, 0.2990**, and if you desaturate by 10%, it is **93.8662, 0.3200, 0.3378**.

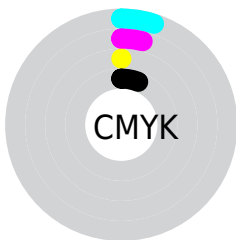
Distribution



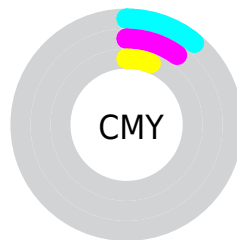
- Red (89%)
- Green (90%)
- Blue (94%)



- Red (89%)
- Yellow (90%)
- Blue (94%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1565, 0.3051, 0.3196 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 79.1565, 0.3051, 0.3196 by changing the saturation by 10% instead.

■ 79.1565, 0.3051,
0.3196

■ 79.1565, 0.3051,
0.3196

492.0856, 0.3086,
0.3239

■ 59.0245, 0.3043,
0.3186

132.1792, 0.3063,
0.3211

■ 42.6328, 0.3034,
0.3175

165.8386, 0.3068,
0.3217

■ 29.5971, 0.3021,
0.3160

204.7760, 0.3072,
0.3221

■ 19.5330, 0.3006,
0.3140

249.3757, 0.3075,
0.3226

■ 12.0560, 0.2985,
0.3115

300.0221, 0.3078,
0.3230

■ 6.7819, 0.2955,
0.3078

357.0996, 0.3081,

■ 3.3261, 0.2909,

0.3233

420.9927, 0.3084,
0.3236

0.3022

1.3042, 0.2830,
0.2927

0.1445, 0.1958,
0.1839

79.1565, 0.3051,
0.3196

79.1565, 0.3051,
0.3196

66.0284, 0.2888,
0.2990

93.8662, 0.3200,
0.3378

54.4184, 0.2713,
0.2759

99.0117, 0.3220,
0.3444

44.2735, 0.2527,
0.2504

35.5336, 0.2337,
0.2230

■ 28.1343, 0.2148,
0.1945

■ 22.0062, 0.1971,
0.1658

■ 17.0728, 0.1816,
0.1386

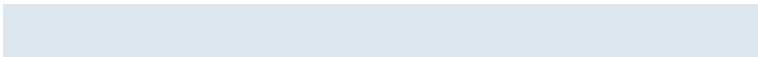
■ 13.2485, 0.1691,
0.1142

■ 10.4344, 0.1604,
0.0940

Harmonies

Analogous

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



79.1565, 0.3023, 0.3217



79.1565, 0.3051, 0.3196



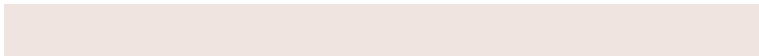
79.1565, 0.3100, 0.3200

Triad

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



79.1565, 0.3051, 0.3196



79.1565, 0.3234, 0.3321



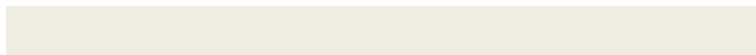
79.1565, 0.3098, 0.3354

Complementary

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



79.1565, 0.3051, 0.3196



83.9178, 0.3203, 0.3382

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.



79.1565, 0.3154, 0.3382



79.1565, 0.3051, 0.3196



79.1565, 0.3233, 0.3362

Square

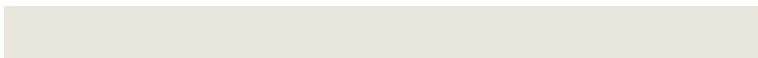
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1565, 0.3051, 0.3196



79.1565, 0.3205, 0.3271



79.1565, 0.3204, 0.3385



79.1565, 0.3049, 0.3309

Rectangle

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



79.1565, 0.3051, 0.3196



79.1565, 0.3138, 0.3216



79.1565, 0.3204, 0.3385



79.1565, 0.3116, 0.3366

Sweetspot

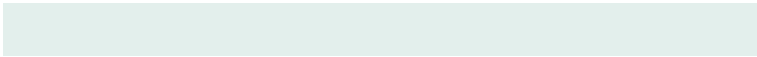
The Sweet Spot groups the original color and five complimentary colors.



79.1599, 0.3051, 0.3196



98.2998, 0.3112, 0.3272



84.1250, 0.3067, 0.3321



21.0581, 0.3113, 0.3273



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.



79.1599, 0.3051, 0.3196



90.0767, 0.3035, 0.3176



78.0245, 0.3072, 0.3166



16.6905, 0.3025, 0.3164



5.3407, 0.1578, 0.0882



0.5960, 0.1646, 0.1127

Inverse Universe

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



79.0267, 0.3191, 0.3260



89.9033, 0.3205, 0.3254



85.1127, 0.3181, 0.3413



16.6562, 0.3214, 0.3250



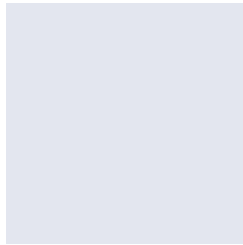
10.3325, 0.5940, 0.3046



0.8749, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 79.1565, 0.3051, 0.3196 looks on a white background.

Color Contrast Check

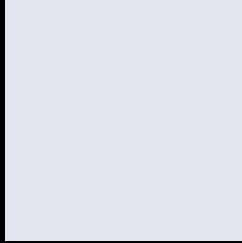
Large Text (above 18pt) WCAG AA × Fail

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 79.1565, 0.3051, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

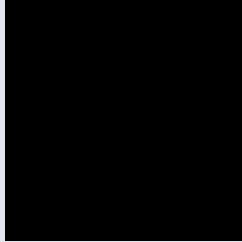
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

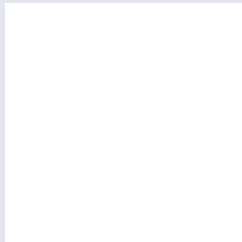
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1565, 0.3051, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 79.1565, 0.3051, 0.3196.

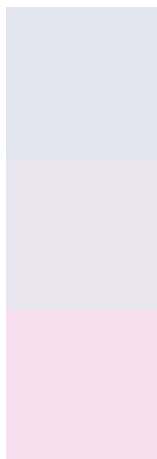


This preview shows how white text looks on a background with the Yxy color 79.1565, 0.3051, 0.3196.

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

79.1565, 0.3051, 0.3196

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

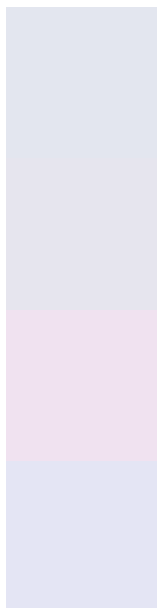
78.8408, 0.3184, 0.3120



Tritanopia

79.2480, 0.3008, 0.3104

Trichromacy



Original Color

79.1565, 0.3051, 0.3196

Protanomaly

79.0347, 0.3077, 0.3197

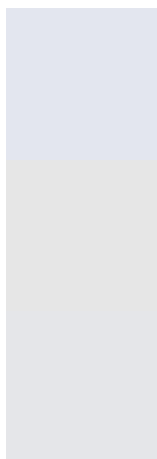
Deuteranomaly

79.2092, 0.3134, 0.3148

Tritanomaly

79.0643, 0.3027, 0.3135

Monochromacy



Original Color

79.1565, 0.3051, 0.3196

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.1348, 0.3101, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1565, 0.3051, 0.3196 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(227, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 230, 239)  
}
```

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(227, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.1565, 0.3051, 0.3196 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(227, 230, 239) }
```

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

```
.border{ border-color:rgb(227, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 230,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1565, 0.3051, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 239) }
```

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

```
.background{ background-color: rgb(227,  
230, 239) }
```

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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