

Converting Colors

$Yxy(79.3132, 0.2980, 0.3066)$

Have a look what the booklet for
Yxy(79.3132, 0.2980, 0.3066)
contains.

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Color

Yxy(79.3346, 0.2978, 0.3064)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3E5FB |
| RGB | 227, 229, 251 |
| RGB Percent | 89%, 90%, 98% |
| CMY | 0.1098, 0.1019, 0.0158 |
| CMYK | 0.10, 0.09, 0.00, 0.02 |
| HSL | 235°, 75%, 94% |
| HSV | 235°, 10%, 98% |
| XYZ | 77.1078, 79.3346, 102.4825 |
| YIQ | 230.9100, -8.2540, 6.4180 |

Conversions

Conversions Part 2

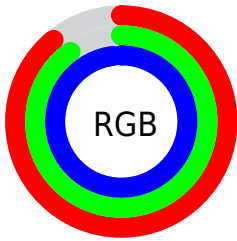
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 229, 251 |
| Decimal | 14935547 |
| CIE Lab | 91.39, 3.46, -10.85 |
| CIE LCh | 91, 11.392, 287.671 |
| Yxy | 79.3346, 0.2978, 0.3064 |
| Android (android.graphics.Color) | 4293125627 (0xFFE3E5FB) |
| YUV | 230.9100, 9.9044, -3.4291 |
| Hunter-Lab | 89.0700, -1.3451, -5.8691 |

Details

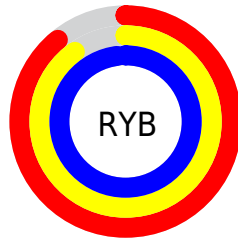
The Yxy color **79.3346, 0.2978, 0.3064** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.7796, 0.3272, 0.3506**, and the grayscale version is **79.7722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9378, 0.2951, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **63.6504, 0.2803, 0.2796**, and if you desaturate by 10%, it is **97.3074, 0.3134, 0.3300**.

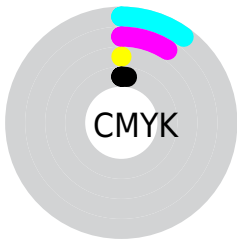
Distribution



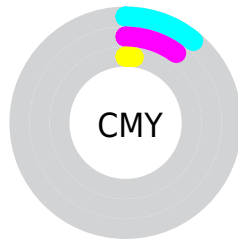
- Red (89%)
- Green (90%)
- Blue (98%)



- Red (89%)
- Yellow (90%)
- Blue (98%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3346, 0.2978, 0.3064 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 79.3346, 0.2978, 0.3064 by changing the saturation by 10% instead.

■ 79.3346, 0.2978,
0.3064

■ 79.3346, 0.2978,
0.3064

492.6876, 0.3046,
0.3166

■ 59.1710, 0.2963,
0.3041

132.4298, 0.3001,
0.3099

■ 42.7508, 0.2944,
0.3013

166.1302, 0.3011,
0.3113

■ 29.6896, 0.2920,
0.2979

205.1115, 0.3019,
0.3125

■ 19.6031, 0.2890,
0.2934

249.7583, 0.3025,
0.3135

■ 12.1069, 0.2848,
0.2875

300.4549, 0.3032,
0.3144

■ 6.8165, 0.2790,
0.2791

357.5857, 0.3037,

■ 3.3476, 0.2702,

0.3152

0.2667

421.5351, 0.3042,
0.3160

■ 1.3158, 0.2552,
0.2462

■ 0.1534, 0.1758,
0.1171

■ 79.3346, 0.2978,
0.3064

■ 79.3346, 0.2978,
0.3064

■ 63.6504, 0.2803,
0.2796

■ 97.3074, 0.3134,
0.3300

■ 50.1532, 0.2612,
0.2498

■ 99.7426, 0.3150,
0.3329

■ 38.7488, 0.2408,
0.2176

■ 29.3322, 0.2198,
0.1840

■ 21.7891, 0.1996,
0.1507

■ 15.9939, 0.1814,
0.1201

■ 11.8050, 0.1667,
0.0944

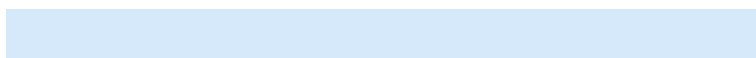
■ 9.0589, 0.1567,
0.0756

■ 7.5419, 0.1513,
0.0645

Harmonies

Analogous

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



79.3346, 0.2894, 0.3093



79.3346, 0.2978, 0.3064



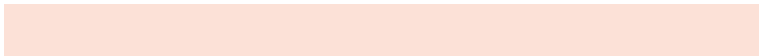
79.3346, 0.3103, 0.3093

Triad

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



79.3346, 0.2978, 0.3064



79.3346, 0.3390, 0.3395



79.3346, 0.3015, 0.3413

Complementary

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



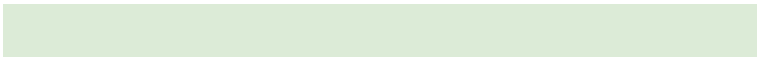
79.3346, 0.2978, 0.3064



93.7796, 0.3272, 0.3506

Split Complementary

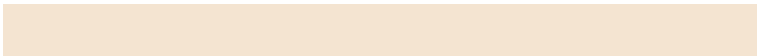
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3346, 0.3147, 0.3498



79.3346, 0.2978, 0.3064



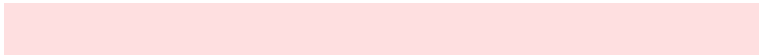
79.3346, 0.3365, 0.3485

Square

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



79.3346, 0.2978, 0.3064



79.3346, 0.3343, 0.3281



79.3346, 0.3275, 0.3524



79.3346, 0.2915, 0.3294

Rectangle

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



79.3346, 0.2978, 0.3064



79.3346, 0.3194, 0.3141



79.3346, 0.3275, 0.3524



79.3346, 0.3057, 0.3447

Sweetspot

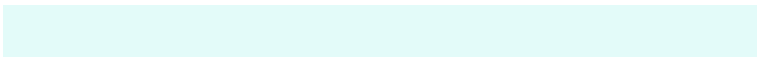
The Sweet Spot groups the original color and five complimentary colors.



79.3379, 0.2978, 0.3064



94.1847, 0.3082, 0.3222



92.1404, 0.2991, 0.3310



19.8347, 0.3070, 0.3203



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.



79.3379, 0.2978, 0.3064



79.7397, 0.2954, 0.3027



79.9107, 0.3044, 0.3048



16.8752, 0.2979, 0.3065



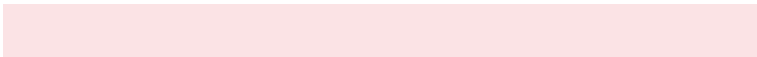
4.0233, 0.1515, 0.0653



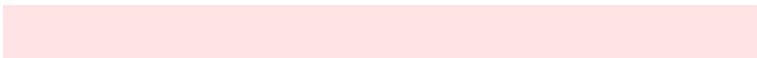
0.4497, 0.1548, 0.0771

Inverse Universe

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



81.1046, 0.3282, 0.3270



81.8439, 0.3309, 0.3267



93.2145, 0.3205, 0.3530



17.2487, 0.3281, 0.3271



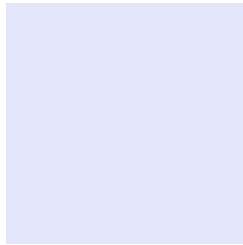
10.8170, 0.6311, 0.3250



1.0096, 0.6117, 0.3143

Previews

White Background



This preview shows how the Yxy color 79.3346, 0.2978, 0.3064 looks on a white background.

Color Contrast Check

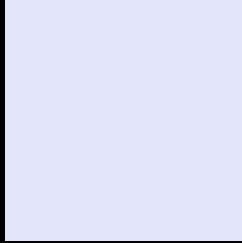
Large Text (above 18pt) WCAG AA × Fail

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 79.3346, 0.2978, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

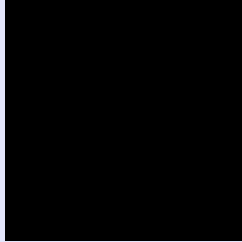
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3346, 0.2978, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 79.3346, 0.2978, 0.3064.

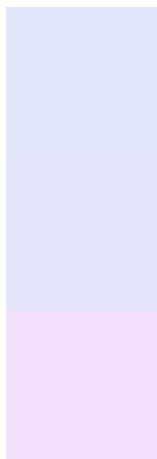


This preview shows how white text looks on a background with the Yxy color 79.3346, 0.2978, 0.3064.

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

79.3346, 0.2978, 0.3064

Protanopia

79.4976, 0.2984, 0.3064

Deuteranopia

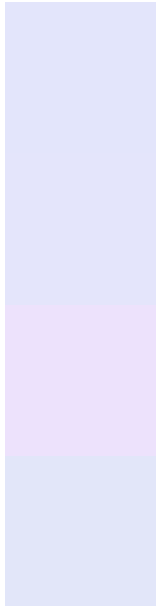
79.2168, 0.3072, 0.3010



Tritanopia

79.5397, 0.2989, 0.3104

Trichromacy



Original Color

79.3346, 0.2978, 0.3064

Protanomaly

79.4976, 0.2984, 0.3064

Deuteranomaly

79.4255, 0.3038, 0.3028

Tritanomaly

79.6019, 0.2983, 0.3094

Monochromacy



Original Color

79.3346, 0.2978, 0.3064

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5897, 0.3077, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3346, 0.2978, 0.3064 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, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 251)  
}
```

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, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 251) }
```

Border

The CSS property to change the border of an element to Yxy 79.3346, 0.2978, 0.3064 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, 229, 251) }
```

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

```
.border{ border-color:rgb(227, 229, 251) }
```

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

Here you see how a box with a 4 pixel rgb(227, 229, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3346, 0.2978, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 251) }
```

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

```
.background{ background-color: rgb(227,  
229, 251) }
```

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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