

Converting Colors

$Yxy(79.2071, 0.3014, 0.3364)$

Have a look what the booklet for
Yxy(79.2071, 0.3014, 0.3364)
contains.

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Color

Yxy(79.0151, 0.3018, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	D4EBE4
RGB	212, 235, 228
RGB Percent	83%, 92%, 89%
CMY	0.1686, 0.0784, 0.1058
CMYK	0.10, 0.00, 0.03, 0.08
HSL	162°, 37%, 88%
HSV	162°, 10%, 92%
XYZ	70.8670, 79.0151, 84.9324
YIQ	227.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

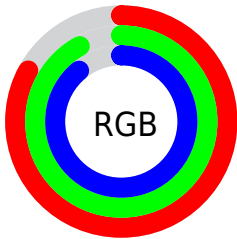
Format	Color
R _Y B	212, 226, 235
Decimal	13954020
CIE Lab	91.24, -8.86, 0.79
CIE LCh	91, 8.892, 174.886
Yxy	79.0151, 0.3018, 0.3365
Android (android.graphics.Color)	4292144100 (0xFFD4EBE4)
YUV	227.3250, 0.3328, -13.4400
Hunter-Lab	88.8904, -13.2509, 5.5733

Details

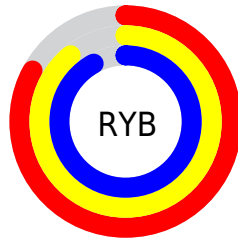
The Yxy color **79.0151, 0.3018, 0.3365** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8665, 0.3250, 0.3216**, and the grayscale version is **77.0722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4254, 0.2988, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **75.3883, 0.2911, 0.3450**, and if you desaturate by 10%, it is **83.1732, 0.3130, 0.3288**.

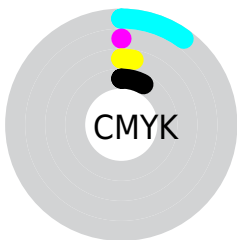
Distribution



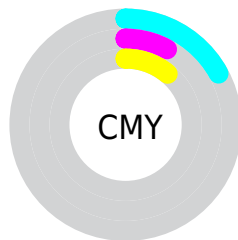
- Red (83%)
- Green (92%)
- Blue (89%)



- Red (83%)
- Yellow (89%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)





- Cyan (17%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0151, 0.3018, 0.3365 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 79.0151, 0.3018, 0.3365 by changing the saturation by 10% instead.


 79.0151, 0.3018,
0.3365

 79.0151, 0.3018,
0.3365


491.6074, 0.3068,
0.3331

 58.9082, 0.3007,
0.3373

131.9801, 0.3035,
0.3353

 42.5392, 0.2993,
0.3382


165.6071, 0.3042,
0.3349

 29.5238, 0.2976,
0.3394


204.5095, 0.3048,
0.3345

 19.4774, 0.2953,
0.3410

249.0717, 0.3053,
0.3341

 12.0157, 0.2922,
0.3431

299.6783, 0.3057,
0.3338

 6.7544, 0.2879,
0.3461

356.7135, 0.3061,

 3.3090, 0.2812,

0.3335

0.3508

420.5617, 0.3065,
0.3333

■ 1.2951, 0.2697,
0.3590

■ 0.1374, 0.0000,
0.5933

■ 79.0151, 0.3018,
0.3365

■ 79.0151, 0.3018,
0.3365

■ 75.3883, 0.2911,
0.3450

■ 83.1732, 0.3130,
0.3288

■ 72.2607, 0.2811,
0.3542

■ 87.1054, 0.3216,
0.3219

■ 69.6120, 0.2721,
0.3643

■ 87.5429, 0.3171,
0.3150

■ 67.4166, 0.2644,
0.3749

■ 87.8975, 0.3136,
0.3097

■ 65.6466, 0.2584,
0.3861

■ 64.2706, 0.2542,
0.3976

■ 63.2531, 0.2520,
0.4093

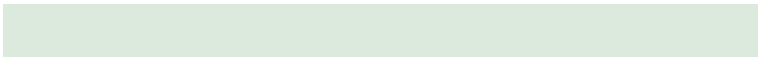
■ 62.5516, 0.2519,
0.4209

■ 62.0961, 0.2535,
0.4324

Harmonies

Analogous

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



79.0151, 0.3117, 0.3440



79.0151, 0.3018, 0.3365



79.0151, 0.2948, 0.3270

Triad

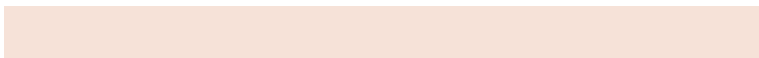
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0151, 0.3018, 0.3365



79.0151, 0.3032, 0.3114



79.0151, 0.3333, 0.3392

Complementary

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



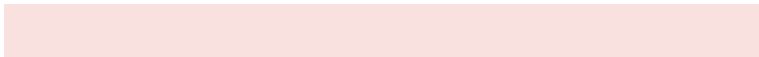
79.0151, 0.3018, 0.3365



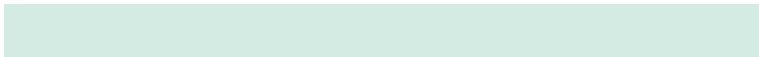
69.8665, 0.3250, 0.3216

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.



79.0151, 0.3309, 0.3306



79.0151, 0.3018, 0.3365



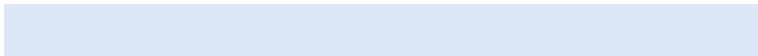
79.0151, 0.3134, 0.3147

Square

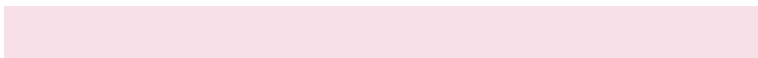
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



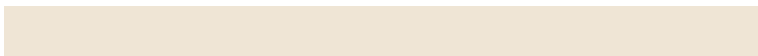
79.0151, 0.3018, 0.3365



79.0151, 0.2956, 0.3126



79.0151, 0.3236, 0.3216



79.0151, 0.3300, 0.3454

Rectangle

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



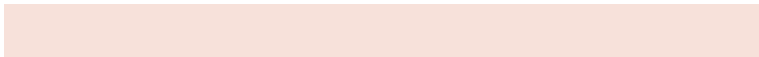
79.0151, 0.3018, 0.3365



79.0151, 0.2928, 0.3210



79.0151, 0.3236, 0.3216



79.0151, 0.3331, 0.3365

Sweetspot

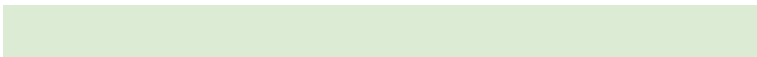
The Sweet Spot groups the original color and five complimentary colors.



79.0184, 0.3018, 0.3365



98.4293, 0.3093, 0.3312



79.2762, 0.3165, 0.3539



20.9802, 0.3084, 0.3318



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.



79.0184, 0.3018, 0.3365



94.0677, 0.2993, 0.3384



77.0283, 0.2976, 0.3244



17.0395, 0.3022, 0.3362



34.5776, 0.2530, 0.4308



2.7321, 0.2486, 0.4149

Inverse Universe

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



69.8665, 0.3250, 0.3216



80.7089, 0.3282, 0.3198



71.6421, 0.3294, 0.3335



15.1293, 0.3245, 0.3219



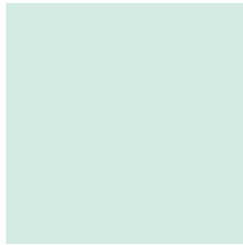
10.1049, 0.5747, 0.2940



0.8100, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 79.0151, 0.3018, 0.3365 looks on a white background.

Color Contrast Check

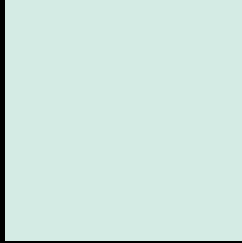
Large Text (above 18pt) WCAG AA × Fail

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 79.0151, 0.3018, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

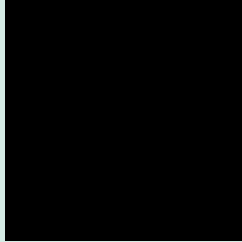
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

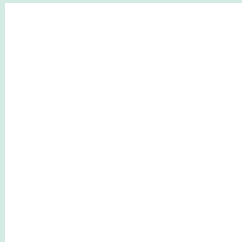
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0151, 0.3018, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 79.0151, 0.3018, 0.3365.

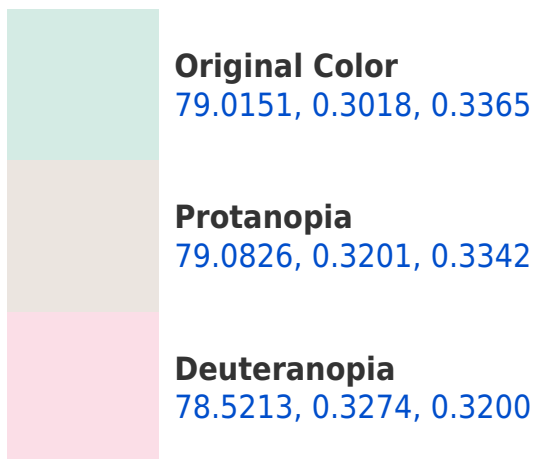


This preview shows how white text looks on a background with the Yxy color 79.0151, 0.3018, 0.3365.

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

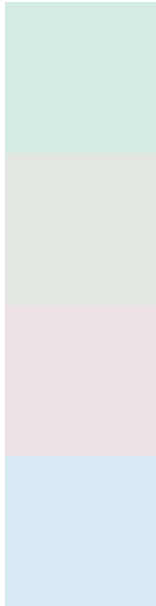




Tritanopia

79.2143, 0.2914, 0.3101

Trichromacy



Original Color

79.0151, 0.3018, 0.3365

Protanomaly

78.9190, 0.3138, 0.3353

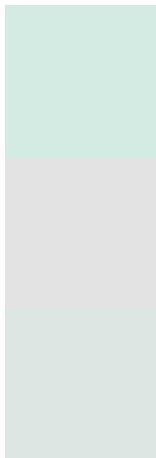
Deuteranomaly

78.6559, 0.3177, 0.3259

Tritanomaly

79.1357, 0.2954, 0.3194

Monochromacy



Original Color

79.0151, 0.3018, 0.3365

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6693, 0.3092, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0151, 0.3018, 0.3365 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(212, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(212, 235, 228)  
}
```

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(212, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 235, 228) }
```

Border

The CSS property to change the border of an element to Yxy 79.0151, 0.3018, 0.3365 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(212, 235, 228) }
```

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

```
.border{ border-color:rgb(212, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(212, 235,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0151, 0.3018, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 235, 228) }
```

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

```
.background{ background-color: rgb(212,  
235, 228) }
```

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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