

Converting Colors

$Yxy(79.3069, 0.3137, 0.3643)$

Have a look what the booklet for
Yxy(79.3069, 0.3137, 0.3643)
contains.

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Color

Yxy(79.3069, 0.3137, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	D2EECE
RGB	210, 238, 206
RGB Percent	82%, 93%, 81%
CMY	0.1765, 0.0666, 0.1922
CMYK	0.12, 0.00, 0.13, 0.07
HSL	113°, 49%, 87%
HSV	113°, 13%, 93%
XYZ	68.2914, 79.3069, 70.0983
YIQ	225.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

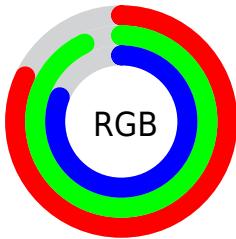
Format	Color
RYB	206, 238, 234
Decimal	13823694
CIELab	91.37, -14.99, 12.43
CIELCh	91, 19.470, 140.322
Yxy	79.3069, 0.3137, 0.3643
Android (android.graphics.Color)	4292013774 (0xFFD2EECE)
YUV	225.9800, -9.8501, -14.0145
Hunter-Lab	89.0544, -18.9624, 15.6685

Details

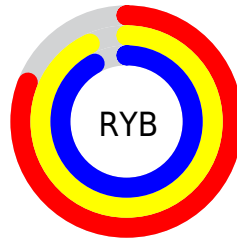
The Yxy color **79.3069, 0.3137, 0.3643** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.8094, 0.3113, 0.2955**, and the grayscale version is **76.1151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6915, 0.3132, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **75.3788, 0.3142, 0.3943**, and if you desaturate by 10%, it is **83.8148, 0.3130, 0.3375**.

Distribution



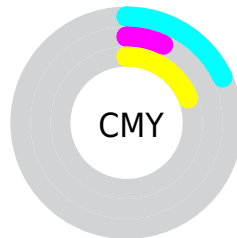
- Red (82%)
- Green (93%)
- Blue (81%)



- Red (81%)
- Yellow (93%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)




- Cyan (18%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3069, 0.3137, 0.3643 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 79.3069, 0.3137, 0.3643 by changing the saturation by 10% instead.


 79.3069, 0.3137,
0.3643

 79.3069, 0.3137,
0.3643


492.5940, 0.3134,
0.3478

 59.1482, 0.3137,
0.3681


132.3908, 0.3136,
0.3586

 42.7324, 0.3137,
0.3728


166.0848, 0.3136,
0.3563

 29.6752, 0.3137,
0.3788


205.0593, 0.3136,
0.3544

 19.5922, 0.3135,
0.3867

249.6988, 0.3136,
0.3528

 12.0990, 0.3132,
0.3975

300.3876, 0.3135,
0.3513

 6.8111, 0.3125,
0.4133

357.5101, 0.3135,

 3.3443, 0.3108,

0.3500

0.4383

421.4508, 0.3135,
0.3489

■ 1.3140, 0.3139,
0.4965

■ 0.1520, 0.0000,
1.0000

■ 79.3069, 0.3137,
0.3643

■ 79.3069, 0.3137,
0.3643

■ 75.3788, 0.3142,
0.3943

■ 83.8148, 0.3130,
0.3375

■ 71.9974, 0.3143,
0.4270

■ 88.9142, 0.3121,
0.3139

■ 69.1412, 0.3140,
0.4615

■ 89.6334, 0.3135,
0.3127

■ 66.7838, 0.3131,
0.4963

■ 64.8962, 0.3116,
0.5291

■ 63.4466, 0.3096,
0.5576

■ 62.3988, 0.3070,
0.5792

■ 61.7110, 0.3043,
0.5928

■ 61.4252, 0.3027,
0.5978

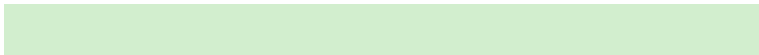
Harmonies

Analogous

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



79.3069, 0.3360, 0.3694



79.3069, 0.3137, 0.3643



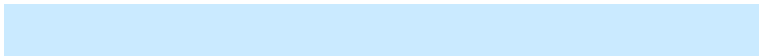
79.3069, 0.2917, 0.3485

Triad

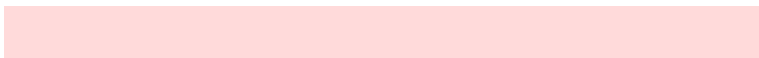
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3069, 0.3137, 0.3643



79.3069, 0.2741, 0.2946



79.3069, 0.3510, 0.3288

Complementary

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



79.3069, 0.3137, 0.3643



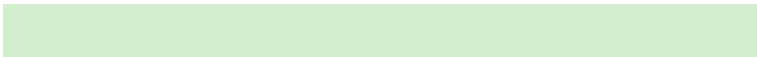
67.8094, 0.3113, 0.2955

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.



79.3069, 0.3333, 0.3104



79.3069, 0.3137, 0.3643



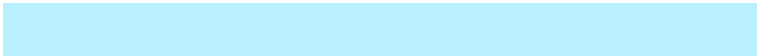
79.3069, 0.2889, 0.2910

Square

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



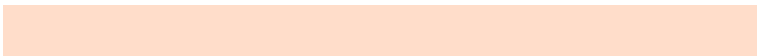
79.3069, 0.3137, 0.3643



79.3069, 0.2694, 0.3076



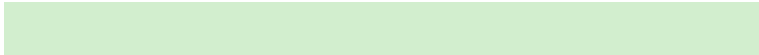
79.3069, 0.3104, 0.2968



79.3069, 0.3580, 0.3479

Rectangle

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



79.3069, 0.3137, 0.3643



79.3069, 0.2801, 0.3346



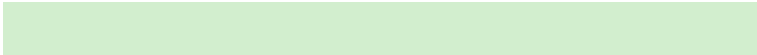
79.3069, 0.3104, 0.2968



79.3069, 0.3461, 0.3224

Sweetspot

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



79.3103, 0.3137, 0.3643



97.7065, 0.3130, 0.3389



81.3320, 0.3334, 0.3580



20.8236, 0.3131, 0.3409



0.0000, 0.0000, 0.0000



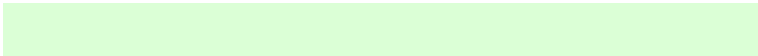
21.4041, 0.3127, 0.3290

Same Dimension

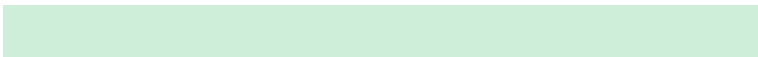
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3103, 0.3137, 0.3643



91.4909, 0.3138, 0.3718



79.3230, 0.3040, 0.3513



17.7509, 0.3134, 0.3533



34.2962, 0.3033, 0.5974



2.8832, 0.3096, 0.5924

Inverse Universe

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



67.8094, 0.3113, 0.2955



75.7212, 0.3110, 0.2888



67.8258, 0.3226, 0.3077



15.9255, 0.3118, 0.3056



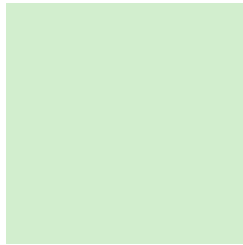
10.9878, 0.2896, 0.1369



0.9419, 0.2940, 0.1393

Previews

White Background



This preview shows how the Yxy color 79.3069, 0.3137, 0.3643 looks on a white background.

Color Contrast Check

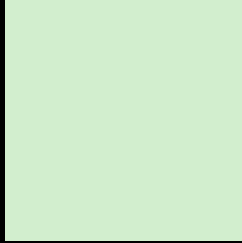
Large Text (above 18pt) WCAG AA × Fail

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 79.3069, 0.3137, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

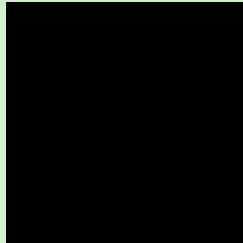
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

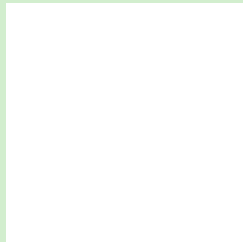
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3069, 0.3137, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 79.3069, 0.3137, 0.3643.

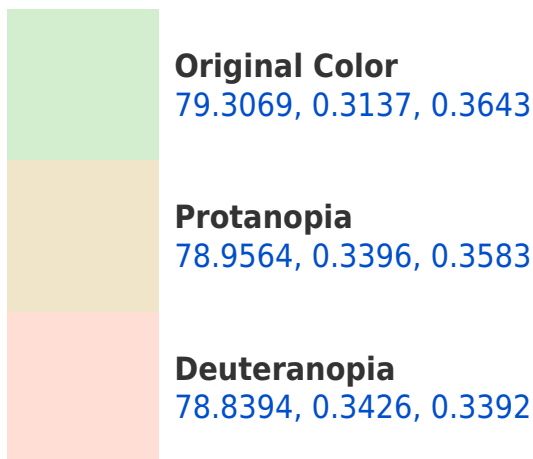


This preview shows how white text looks on a background with the Yxy color 79.3069, 0.3137, 0.3643.

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

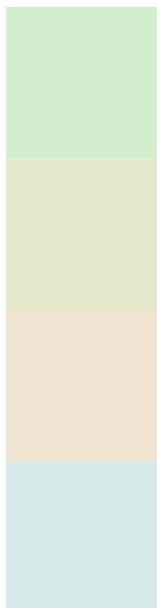




Tritanopia

79.3671, 0.2920, 0.3101

Trichromacy



Original Color

79.3069, 0.3137, 0.3643

Protanomaly

78.8480, 0.3300, 0.3600

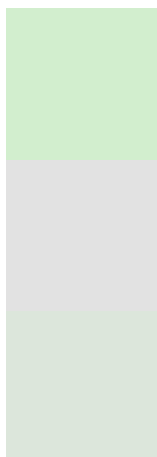
Deuteranomaly

78.4907, 0.3323, 0.3479

Tritanomaly

79.0823, 0.2995, 0.3290

Monochromacy



Original Color

79.3069, 0.3137, 0.3643

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.9237, 0.3128, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3069, 0.3137, 0.3643 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(210, 238, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 238, 206)  
}
```

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(210, 238, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 238, 206) }
```

Border

The CSS property to change the border of an element to Yxy 79.3069, 0.3137, 0.3643 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(210, 238, 206) }
```

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

```
.border{ border-color:rgb(210, 238, 206) }
```

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

Here you see how a box with a 4 pixel rgb(210, 238, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 238, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 238, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 238,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3069, 0.3137, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 238, 206) }
```

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

```
.background{ background-color: rgb(210,  
238, 206) }
```

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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