

Converting Colors

$Yxy(73.0956, 0.3389, 0.4183)$

Have a look what the booklet for
Yxy(73.0956, 0.3389, 0.4183)
contains.

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Color

Yxy(73.0956, 0.3389, 0.4183)

Conversions

Conversions Part 1

Format	Color
Hex	C9E99C
RGB	201, 233, 156
RGB Percent	79%, 91%, 61%
CMY	0.2118, 0.0862, 0.3883
CMYK	0.14, 0.00, 0.33, 0.09
HSL	85°, 64%, 76%
HSV	85°, 33%, 91%
XYZ	59.2209, 73.0956, 42.4280
YIQ	214.6540, 5.6450, -30.7310

Conversions

Conversions Part 2

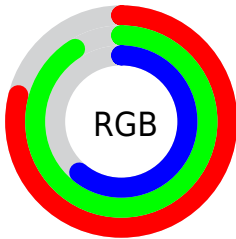
Format	Color
RYB	156, 233, 188
Decimal	13232540
CIELab	88.49, -23.35, 34.08
CIELCh	88, 41.311, 124.416
Yxy	73.0956, 0.3389, 0.4183
Android (android.graphics.Color)	4291422620 (0xFFC9E99C)
YUV	214.6540, -28.9164, -11.9746
Hunter-Lab	85.4960, -25.9755, 30.4241

Details

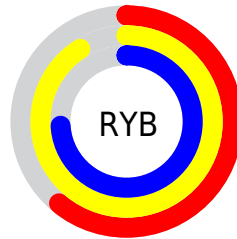
The Yxy color **73.0956, 0.3389, 0.4183** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.3449, 0.2783, 0.2372**, and the grayscale version is **67.9031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **38.5547, 0.3434, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **71.0832, 0.3456, 0.4474**, and if you desaturate by 10%, it is **75.3505, 0.3313, 0.3896**.

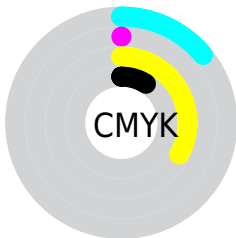
Distribution



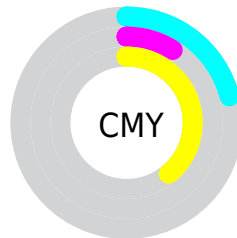
- Red (79%)
- Green (91%)
- Blue (61%)



- Red (61%)
- Yellow (91%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0956, 0.3389, 0.4183 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 73.0956, 0.3389, 0.4183 by changing the saturation by 10% instead.


 73.0956, 0.3389,
0.4183

 73.0956, 0.3389,
0.4183


471.3461, 0.3280,
0.3756

 54.0541, 0.3410,
0.4283


 123.6129, 0.3354,
0.4032

 38.6449, 0.3434,
0.4408


 155.8576, 0.3339,
0.3974

 26.4836, 0.3461,
0.4567


193.2721, 0.3326,
0.3925

 17.1858, 0.3489,
0.4776

236.2408, 0.3315,
0.3882

 10.3670, 0.3513,
0.5061

285.1482, 0.3305,
0.3844

 5.6430, 0.3517,
0.5462

340.3786, 0.3295,

 2.6292, 0.3628,

0.3811

402.3164, 0.3287,
0.3782

0.6372

0.9414, 0.2559,
0.7441

0.0000, 0.0000,
0.0000

73.0956, 0.3389,
0.4183

73.0956, 0.3389,
0.4183

71.0832, 0.3456,
0.4474

75.3505, 0.3313,
0.3896

69.2935, 0.3509,
0.4757


77.8479, 0.3233,
0.3622


67.7185, 0.3545,
0.5020


80.5997, 0.3152,
0.3365

66.3458, 0.3558,
0.5248


83.6145, 0.3072,
0.3128

 65.1614, 0.3546,
0.5429

 85.7225, 0.3100,
0.3075

 64.1485, 0.3512,
0.5557

 86.7648, 0.3137,
0.3078

 63.5292, 0.3478,
0.5620

Harmonies

Analogous

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



73.0956, 0.3829, 0.4115



73.0956, 0.3389, 0.4183



73.0956, 0.2900, 0.3953

Triad

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



73.0956, 0.3389, 0.4183



73.0956, 0.2242, 0.2663



73.0956, 0.3782, 0.3060

Complementary

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



73.0956, 0.3389, 0.4183



40.3449, 0.2783, 0.2372

Split Complementary

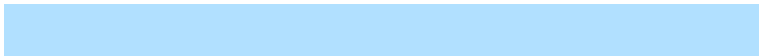
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0956, 0.3304, 0.2738



73.0956, 0.3389, 0.4183



73.0956, 0.2433, 0.2506

Square

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



73.0956, 0.3389, 0.4183



73.0956, 0.2261, 0.3012



73.0956, 0.2809, 0.2540



73.0956, 0.4078, 0.3447

Rectangle

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



73.0956, 0.3389, 0.4183



73.0956, 0.2612, 0.3662



73.0956, 0.2809, 0.2540



73.0956, 0.3635, 0.2942

Sweetspot

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



73.0988, 0.3389, 0.4183



96.5093, 0.3209, 0.3542



55.1767, 0.3782, 0.3640



20.5575, 0.3220, 0.3579



0.0000, 0.0000, 0.0000



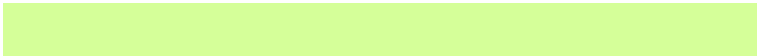
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0988, 0.3389, 0.4183



87.9043, 0.3438, 0.4391



68.5426, 0.3131, 0.4259



17.2968, 0.3204, 0.3527



36.1180, 0.3488, 0.5612



2.8924, 0.3583, 0.5537

Inverse Universe

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



40.3449, 0.2783, 0.2372



41.6597, 0.2688, 0.2152



45.7096, 0.3099, 0.2453



14.8549, 0.3045, 0.3051



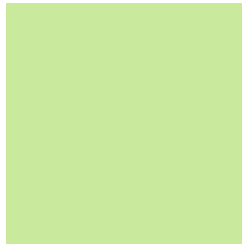
4.8456, 0.1872, 0.0805



0.4358, 0.2027, 0.0890

Previews

White Background



This preview shows how the Yxy color 73.0956, 0.3389, 0.4183 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 73.0956, 0.3389, 0.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

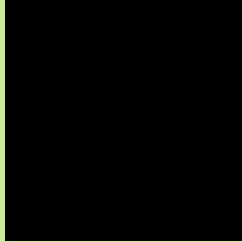
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0956, 0.3389, 0.4183

Background



This preview shows how black text looks on a background with the Yxy color 73.0956, 0.3389, 0.4183.

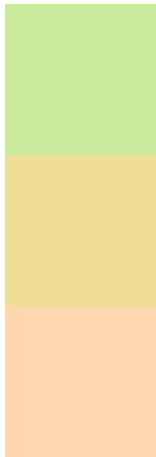


This preview shows how white text looks on a background with the Yxy color 73.0956, 0.3389, 0.4183.

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

73.0956, 0.3389, 0.4183

Protanopia

73.0022, 0.3749, 0.4046

Deuteranopia

72.4483, 0.3723, 0.3693



Tritanopia

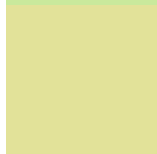
72.6800, 0.2951, 0.3096

Trichromacy



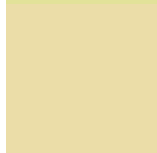
Original Color

73.0956, 0.3389, 0.4183



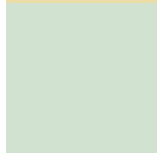
Protanomaly

72.8614, 0.3613, 0.4094



Deuteranomaly

72.2022, 0.3596, 0.3865



Tritanomaly

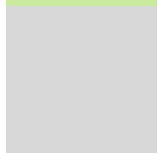
72.5515, 0.3118, 0.3481

Monochromacy



Original Color

73.0956, 0.3389, 0.4183



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8392, 0.3227, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0956, 0.3389, 0.4183 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(201, 233, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 233, 156)  
}
```

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(201, 233, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 233, 156) }
```

Border

The CSS property to change the border of an element to Yxy 73.0956, 0.3389, 0.4183 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(201, 233, 156) }
```

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

```
.border{ border-color:rgb(201, 233, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 233, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 233, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 233, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 233,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0956, 0.3389, 0.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 233, 156) }
```

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

```
.background{ background-color: rgb(201,  
233, 156) }
```

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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