

Converting Colors

Yxy(53.4381, 0.3391, 0.4132)

Have a look what the booklet for
Yxy(53.4381, 0.3391, 0.4132)
contains.

Yxy(53.4231, 0.3390, 0.4131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.4231, 0.3390, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	B1CA8A
RGB	177, 202, 138
RGB Percent	69%, 79%, 54%
CMY	0.3059, 0.2078, 0.4587
CMYK	0.12, 0.00, 0.32, 0.21
HSL	83°, 38%, 67%
HSV	83°, 32%, 79%
XYZ	43.8403, 53.4231, 32.0590
YIQ	187.2290, 5.6440, -25.2040

Conversions

Conversions Part 2

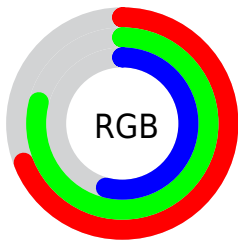
Format	Color
RYB	138, 202, 163
Decimal	11651722
CIELab	78.12, -19.39, 29.23
CIELCh	78, 35.074, 123.554
Yxy	53.4231, 0.3390, 0.4131
Android (android.graphics.Color)	4289841802 (0xFFB1CA8A)
YUV	187.2290, -24.2699, -8.9708
Hunter-Lab	73.0911, -20.8445, 25.1581

Details

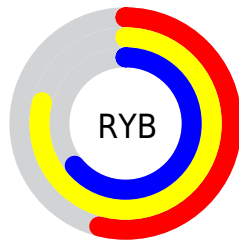
The Yxy color **53.4231, 0.3390, 0.4131** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2435, 0.2790, 0.2420**, and the grayscale version is **49.9694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6494, 0.3355, 0.3940**, and **26.1530, 0.3451, 0.4377** is the 20% darker color. If you saturate the color by 10%, you get **51.9927, 0.3462, 0.4416**, and if you desaturate by 10%, it is **55.0207, 0.3310, 0.3850**.

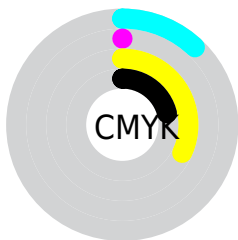
Distribution



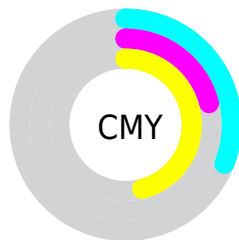
- Red (69%)
- Green (79%)
- Blue (54%)



- Red (54%)
- Yellow (79%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4231, 0.3390, 0.4131 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 53.4231, 0.3390, 0.4131 by changing the saturation by 10% instead.


 53.4231, 0.3390,
0.4131


 53.4231, 0.3390,
0.4131


399.9063, 0.3272,
0.3707


 38.1406, 0.3415,
0.4237


 95.2267, 0.3350,
0.3977

 26.0919, 0.3444,
0.4372

 122.5166, 0.3334,
0.3919

 16.8924, 0.3477,
0.4550


 154.5777, 0.3321,
0.3870

 10.1578, 0.3513,
0.4795

191.7945, 0.3308,
0.3828

 5.5037, 0.3544,
0.5148

234.5514, 0.3298,
0.3792

 2.5457, 0.3708,
0.5961

283.2327, 0.3288,

 0.8995, 0.2979,

0.3760

0.7021

338.2229, 0.3279,
0.3732

0.0000, 0.0000,
0.0000

53.4231, 0.3390,
0.4131

53.4231, 0.3390,
0.4131

51.9927, 0.3462,
0.4416

55.0207, 0.3310,
0.3850

50.7156, 0.3522,
0.4695

56.7849, 0.3226,
0.3582

49.5865, 0.3565,
0.4956


58.7241, 0.3141,
0.3330


48.5971, 0.3587,
0.5185


60.8440, 0.3058,
0.3098


47.7378, 0.3584,
0.5371


63.1501, 0.2979,
0.2887


 46.9976, 0.3558,
0.5506

 65.3715, 0.2931,
0.2736

 46.4557, 0.3522,
0.5586

 66.6658, 0.2987,
0.2745

 68.0196, 0.3044,
0.2754

 69.4335, 0.3101,
0.2764

Harmonies

Analogous

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



53.4231, 0.3801, 0.4064



53.4231, 0.3390, 0.4131



53.4231, 0.2927, 0.3921

Triad

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



53.4231, 0.3390, 0.4131



53.4231, 0.2286, 0.2706



53.4231, 0.3733, 0.3064

Complementary

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



53.4231, 0.3390, 0.4131



30.2435, 0.2790, 0.2420

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.



53.4231, 0.3281, 0.2760



53.4231, 0.3390, 0.4131



53.4231, 0.2462, 0.2550

Square

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



53.4231, 0.3390, 0.4131



53.4231, 0.2311, 0.3042



53.4231, 0.2816, 0.2575



53.4231, 0.4018, 0.3431

Rectangle

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



53.4231, 0.3390, 0.4131



53.4231, 0.2652, 0.3653



53.4231, 0.2816, 0.2575



53.4231, 0.3593, 0.2952

Sweetspot

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



53.4254, 0.3390, 0.4131



96.9467, 0.3204, 0.3516



40.4308, 0.3745, 0.3608



20.6500, 0.3217, 0.3554



0.0000, 0.0000, 0.0000



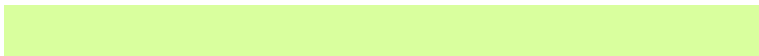
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4254, 0.3390, 0.4131



88.7612, 0.3441, 0.4327



50.1443, 0.3139, 0.4200



12.8693, 0.3206, 0.3523



29.9451, 0.3531, 0.5579



1.5879, 0.3660, 0.5476

Inverse Universe

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



30.2435, 0.2790, 0.2420



43.4418, 0.2697, 0.2209



33.9931, 0.3091, 0.2493



11.0543, 0.3042, 0.3055



3.8612, 0.1838, 0.0786



0.2427, 0.2064, 0.0911

Previews

White Background



This preview shows how the Yxy color 53.4231, 0.3390, 0.4131 looks on a white background.

Color Contrast Check

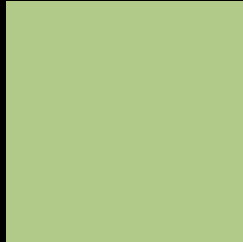
Large Text (above 18pt) WCAG AA × Fail

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 53.4231, 0.3390, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

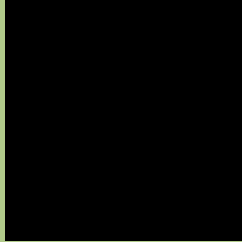
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4231, 0.3390, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 53.4231, 0.3390, 0.4131.



This preview shows how white text looks on a background with the Yxy color 53.4231, 0.3390, 0.4131.

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

53.4231, 0.3390, 0.4131

Protanopia

53.2711, 0.3716, 0.4009

Deuteranopia

53.1449, 0.3863, 0.3786



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.4231, 0.3390, 0.4131

Protanomaly

53.0994, 0.3600, 0.4056

Deuteranomaly

52.7400, 0.3678, 0.3900

Tritanomaly

52.9660, 0.3119, 0.3455

Monochromacy



Original Color

53.4231, 0.3390, 0.4131

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6311, 0.3228, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4231, 0.3390, 0.4131 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(177, 202, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 202, 138)  
}
```

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(177, 202, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 202, 138) }
```

Border

The CSS property to change the border of an element to Yxy 53.4231, 0.3390, 0.4131 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(177, 202, 138) }
```

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

```
.border{ border-color:rgb(177, 202, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 202, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 202, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 202, 138); box-shadow:4px 4px 4px 4px rgb(177, 202, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4231, 0.3390, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 202, 138) }
```

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

```
.background{ background-color: rgb(177,  
202, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor