

Converting Colors

Yxy(53.0782, 0.3434, 0.3841)

Have a look what the booklet for
Yxy(53.0782, 0.3434, 0.3841)
contains.

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Color

Yxy(53.0843, 0.3436, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	C1C498
RGB	193, 196, 152
RGB Percent	76%, 77%, 60%
CMY	0.2432, 0.2314, 0.4038
CMYK	0.02, 0.00, 0.22, 0.23
HSL	64°, 27%, 68%
HSV	64°, 22%, 77%
XYZ	47.4006, 53.0843, 37.4680
YIQ	190.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

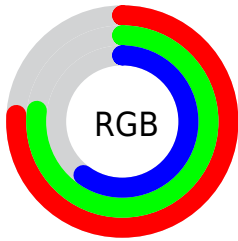
Format	Color
RYB	152, 196, 155
Decimal	12698776
CIELab	77.92, -8.34, 21.79
CIELCh	78, 23.330, 110.946
Yxy	53.0843, 0.3436, 0.3848
Android (android.graphics.Color)	4290888856 (0xFFC1C498)
YUV	190.0870, -18.7769, 2.5547
Hunter-Lab	72.8590, -11.3746, 20.5112

Details

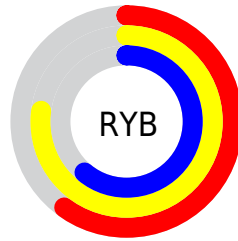
The Yxy color **53.0843, 0.3436, 0.3848** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4266, 0.2778, 0.2674**, and the grayscale version is **51.6522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0308, 0.3388, 0.3757**, and **25.7746, 0.3513, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **52.3208, 0.3573, 0.4101**, and if you desaturate by 10%, it is **53.9603, 0.3297, 0.3595**.

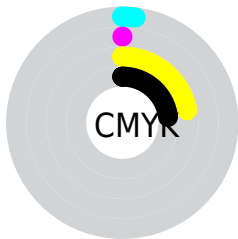
Distribution



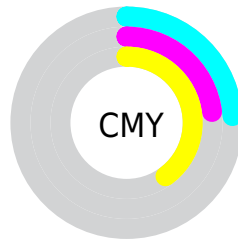
- Red (76%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)




- Cyan (24%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0843, 0.3436, 0.3848 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 53.0843, 0.3436, 0.3848 by changing the saturation by 10% instead.


 53.0843, 0.3436,
0.3848


 53.0843, 0.3436,
0.3848


398.6085, 0.3288,
0.3571

 37.8701, 0.3471,
0.3916

 94.7284, 0.3384,
0.3748

 25.8819, 0.3514,
0.4003


 121.9271, 0.3364,
0.3710

 16.7353, 0.3568,
0.4117


153.8893, 0.3347,
0.3678

 10.0459, 0.3639,
0.4273

190.9996, 0.3332,
0.3651

 5.4294, 0.3734,
0.4497

233.6422, 0.3319,
0.3627

 2.5014, 0.3884,
0.4874

282.2017, 0.3307,

 0.8773, 0.4181,

0.3606

0.5819

337.0623, 0.3297,
0.3588

0.0000, 0.0000,
0.0000

53.0843, 0.3436,
0.3848

53.0843, 0.3436,
0.3848

52.3208, 0.3573,
0.4101

53.9603, 0.3297,
0.3595

51.6574, 0.3702,
0.4344

54.9465, 0.3160,
0.3348

51.0910, 0.3819,
0.4569

56.0499, 0.3028,
0.3113

50.6152, 0.3918,
0.4765

57.2747, 0.2903,
0.2893

50.2231, 0.3993,
0.4924

58.6250, 0.2787,
0.2690

■ 49.9068, 0.4043,
0.5041

■ 59.1258, 0.2766,
0.2642

■ 49.6568, 0.4068,
0.5114

■ 59.3127, 0.2775,
0.2644

■ 49.4981, 0.4074,
0.5148

■ 59.5012, 0.2784,
0.2646

■ 59.6914, 0.2793,
0.2647

Harmonies

Analogous

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



53.0843, 0.3666, 0.3754



53.0843, 0.3436, 0.3848



53.0843, 0.3130, 0.3778

Triad

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



53.0843, 0.3436, 0.3848



53.0843, 0.2541, 0.2987



53.0843, 0.3414, 0.3043

Complementary

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



53.0843, 0.3436, 0.3848



33.4266, 0.2778, 0.2674

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.



53.0843, 0.3099, 0.2860



53.0843, 0.3436, 0.3848



53.0843, 0.2607, 0.2819

Square

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



53.0843, 0.3436, 0.3848



53.0843, 0.2622, 0.3256



53.0843, 0.2806, 0.2777



53.0843, 0.3657, 0.3288

Rectangle

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



53.0843, 0.3436, 0.3848



53.0843, 0.2926, 0.3642



53.0843, 0.2806, 0.2777



53.0843, 0.3313, 0.2972

Sweetspot

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



53.0867, 0.3436, 0.3848



98.6721, 0.3223, 0.3463



37.4360, 0.3572, 0.3330



21.0964, 0.3232, 0.3478



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.



53.0867, 0.3436, 0.3848



95.4483, 0.3505, 0.3975



50.4179, 0.3251, 0.3882



11.7221, 0.3254, 0.3518



31.8184, 0.4075, 0.5146



1.3855, 0.4103, 0.5124

Inverse Universe

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



33.4266, 0.2778, 0.2674



53.4598, 0.2687, 0.2516



35.7949, 0.2975, 0.2708



9.7802, 0.2994, 0.3053



2.6320, 0.1525, 0.0614



0.1253, 0.1615, 0.0664

Previews

White Background



This preview shows how the Yxy color 53.0843, 0.3436, 0.3848 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 53.0843, 0.3436, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

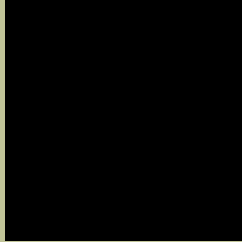
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

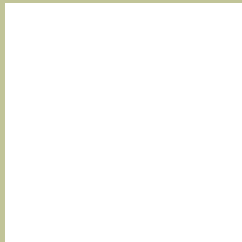
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0843, 0.3436, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 53.0843, 0.3436, 0.3848.



This preview shows how white text looks on a background with the Yxy color 53.0843, 0.3436, 0.3848.

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

53.0843, 0.3436, 0.3848

Protanopia

52.8804, 0.3567, 0.3808

Deuteranopia

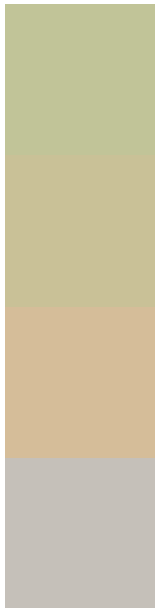
52.8783, 0.3726, 0.3653



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.0843, 0.3436, 0.3848

Protanomaly

52.7918, 0.3521, 0.3813

Deuteranomaly

52.8412, 0.3623, 0.3725

Tritanomaly

53.0724, 0.3221, 0.3377

Monochromacy



Original Color

53.0843, 0.3436, 0.3848

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9102, 0.3241, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0843, 0.3436, 0.3848 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(193, 196, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 152)  
}
```

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(193, 196, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 152) }
```

Border

The CSS property to change the border of an element to Yxy 53.0843, 0.3436, 0.3848 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(193, 196, 152) }
```

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

```
.border{ border-color:rgb(193, 196, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 152);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0843, 0.3436, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 152) }
```

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

```
.background{ background-color: rgb(193,  
196, 152) }
```

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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