

Converting Colors

$Yxy(44.3971, 0.3351, 0.3628)$

Have a look what the booklet for
Yxy(44.3971, 0.3351, 0.3628)
contains.

| | |
|---|----|
| Yxy(44.3971, 0.3351, 0.3628) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(44.3971, 0.3351, 0.3628)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B5B39A |
| RGB | 181, 179, 154 |
| RGB Percent | 71%, 70%, 60% |
| CMY | 0.2902, 0.2980, 0.3962 |
| CMYK | 0.00, 0.01, 0.15, 0.29 |
| HSL | 56°, 15%, 66% |
| HSV | 56°, 15%, 71% |
| XYZ | 41.0074, 44.3971, 36.9690 |
| YIQ | 176.7480, 9.2170, -7.3510 |

Conversions

Conversions Part 2

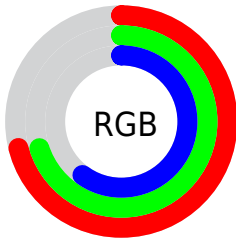
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 156, 181, 154 |
| Decimal | 11907994 |
| CIELab | 72.49, -3.62, 13.05 |
| CIELCh | 72, 13.541, 105.514 |
| Yxy | 44.3971, 0.3351, 0.3628 |
| Android (android.graphics.Color) | 4290098074 (0xFFB5B39A) |
| YUV | 176.7480, -11.2148, 3.7290 |
| Hunter-Lab | 66.6311, -6.7488, 13.7459 |

Details

The Yxy color $44.3971, 0.3351, 0.3628$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.9711, 0.2891, 0.2928$, and the grayscale version is $43.8838, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9753, 0.3313, 0.3572$, and $20.4902, 0.3414, 0.3719$ is the 20% darker color. If you saturate the color by 10%, you get $43.3078, 0.3507, 0.3860$, and if you desaturate by 10%, it is $45.5864, 0.3199, 0.3400$.

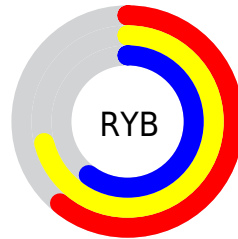
Distribution



Red (71%)

Green (70%)

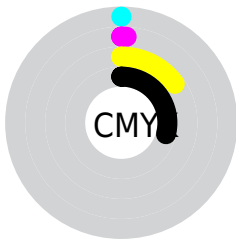
Blue (60%)



Red (61%)

Yellow (71%)

Blue (60%)

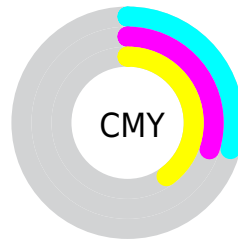


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3971, 0.3351, 0.3628 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 44.3971, 0.3351, 0.3628 by changing the saturation by 10% instead.


 44.3971, 0.3351,
0.3628

 44.3971, 0.3351,
0.3628


364.3263, 0.3239,
0.3456

 30.9828, 0.3379,
0.3672


 81.8149, 0.3310,
0.3565

 20.5858, 0.3415,
0.3728


 106.5873, 0.3295,
0.3542

 12.8215, 0.3462,
0.3804


135.9145, 0.3282,
0.3522

 7.3058, 0.3528,
0.3912

170.1808, 0.3271,
0.3505

 3.6541, 0.3625,
0.4075

209.7708, 0.3261,
0.3490

 1.4820, 0.3828,
0.4406

255.0688, 0.3253,

 0.2760, 0.3865,

0.3478

0.6135

306.4591, 0.3246,
0.3466

0.0000, 0.0000,
0.0000

44.3971, 0.3351,
0.3628

44.3971, 0.3351,
0.3628

43.3078, 0.3507,
0.3860

45.5864, 0.3199,
0.3400

42.3087, 0.3664,
0.4090

46.8737, 0.3055,
0.3180

41.3972, 0.3816,
0.4308

48.2646, 0.2920,
0.2973

40.5686, 0.3957,
0.4505

49.7624, 0.2796,
0.2780

39.8177, 0.4081,
0.4672

51.3704, 0.2682,
0.2602

■ 39.1386, 0.4183,
0.4801

■ 52.5941, 0.2622,
0.2512

■ 38.5245, 0.4259,
0.4888

■ 53.1637, 0.2623,
0.2528

■ 37.9671, 0.4309,
0.4932

■ 53.7386, 0.2625,
0.2544

■ 37.6970, 0.4328,
0.4945

■ 54.3188, 0.2627,
0.2560

Harmonies

Analogous

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



44.3971, 0.3476, 0.3562



44.3971, 0.3351, 0.3628



44.3971, 0.3168, 0.3600

Triad

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



44.3971, 0.3351, 0.3628



44.3971, 0.2762, 0.3134



44.3971, 0.3272, 0.3111

Complementary

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



44.3971, 0.3351, 0.3628



33.9711, 0.2891, 0.2928

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.



44.3971, 0.3077, 0.3004



44.3971, 0.3351, 0.3628



44.3971, 0.2788, 0.3012

Square

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



44.3971, 0.3351, 0.3628



44.3971, 0.2831, 0.3306



44.3971, 0.2901, 0.2967



44.3971, 0.3431, 0.3263

Rectangle

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



44.3971, 0.3351, 0.3628



44.3971, 0.3039, 0.3528



44.3971, 0.2901, 0.2967



44.3971, 0.3208, 0.3068

Sweetspot

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



44.3991, 0.3351, 0.3628



81.8351, 0.3187, 0.3380



35.3353, 0.3379, 0.3259



17.6517, 0.3198, 0.3397



91.1408, 0.3127, 0.3290



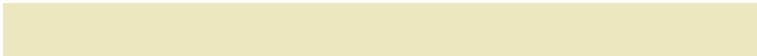
17.8868, 0.3127, 0.3290

Same Dimension

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



44.3991, 0.3351, 0.3628



78.8391, 0.3403, 0.3706



43.8978, 0.3246, 0.3665



9.7972, 0.3265, 0.3499



26.0312, 0.4326, 0.4947



0.8507, 0.4285, 0.4979

Inverse Universe

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



33.9711, 0.2891, 0.2928



56.4798, 0.2833, 0.2837



34.4644, 0.2994, 0.2910



8.3276, 0.2985, 0.3072



2.5460, 0.1516, 0.0657



0.1132, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 44.3971, 0.3351, 0.3628 looks on a white background.

Color Contrast Check

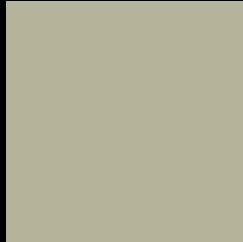
Large Text (above 18pt) WCAG AA × Fail

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 44.3971, 0.3351, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

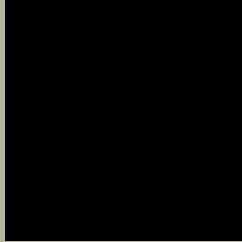
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

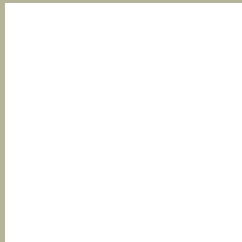
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3971, 0.3351, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 44.3971, 0.3351, 0.3628.



This preview shows how white text looks on a background with the Yxy color 44.3971, 0.3351, 0.3628.

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

44.3971, 0.3351, 0.3628

Protanopia

44.3090, 0.3419, 0.3610

Deuteranopia

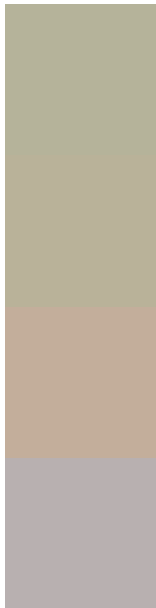
44.2226, 0.3558, 0.3482



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.3971, 0.3351, 0.3628

Protanomaly

44.4550, 0.3398, 0.3624

Deuteranomaly

44.2408, 0.3483, 0.3538

Tritanomaly

44.3756, 0.3198, 0.3290

Monochromacy



Original Color

44.3971, 0.3351, 0.3628

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1703, 0.3200, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3971, 0.3351, 0.3628 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(181, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 154)  
}
```

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(181, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.3971, 0.3351, 0.3628 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(181, 179, 154) }
```

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

```
.border{ border-color:rgb(181, 179, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3971, 0.3351, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 154) }
```

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

```
.background{ background-color: rgb(181,  
179, 154) }
```

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