

Converting Colors

Yxy(53.2523, 0.3542, 0.4141)

Have a look what the booklet for
Yxy(53.2523, 0.3542, 0.4141)
contains.

Yxy(53.3316, 0.3543, 0.4146)	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(53.3316, 0.3543, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	BDC784
RGB	189, 199, 132
RGB Percent	74%, 78%, 52%
CMY	0.2588, 0.2196, 0.4823
CMYK	0.05, 0.00, 0.34, 0.22
HSL	69°, 37%, 65%
HSV	69°, 34%, 78%
XYZ	45.5750, 53.3316, 29.7273
YIQ	188.3720, 15.5470, -22.9570

Conversions

Conversions Part 2

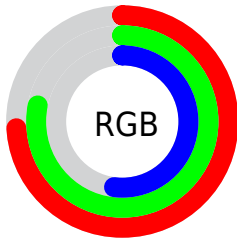
Format	Color
RYB	132, 199, 142
Decimal	12437380
CIELab	78.07, -14.13, 32.44
CIELCh	78, 35.385, 113.527
Yxy	53.3316, 0.3543, 0.4146
Android (android.graphics.Color)	4290627460 (0xFFBDC784)
YUV	188.3720, -27.7914, 0.5508
Hunter-Lab	73.0285, -16.4031, 26.9851

Details

The Yxy color **53.3316, 0.3543, 0.4146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.3839, 0.2615, 0.2321**, and the grayscale version is **50.6683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6580, 0.3477, 0.3983**, and **25.9958, 0.3645, 0.4387** is the 20% darker color. If you saturate the color by 10%, you get **52.4637, 0.3657, 0.4399**, and if you desaturate by 10%, it is **54.3160, 0.3421, 0.3886**.

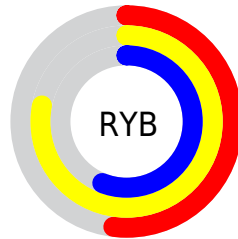
Distribution



Red (74%)

Green (78%)

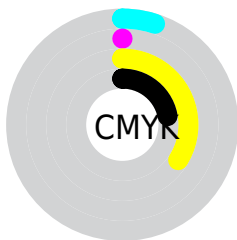
Blue (52%)



Red (52%)

Yellow (78%)

Blue (56%)

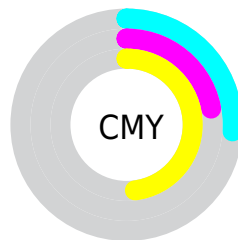


Cyan (5%)

Magenta (0%)

Yellow (34%)

Black (22%)



Cyan (26%)


Magenta (22%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3316, 0.3543, 0.4146 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 53.3316, 0.3543, 0.4146 by changing the saturation by 10% instead.


 53.3316, 0.3543,
0.4146

 53.3316, 0.3543,
0.4146


399.5560, 0.3350,
0.3720


 38.0676, 0.3586,
0.4250

 95.0921, 0.3477,
0.3992

 26.0351, 0.3637,
0.4383


 122.3574, 0.3451,
0.3934

 16.8499, 0.3698,
0.4555

 154.3919, 0.3428,
0.3885

 10.1275, 0.3771,
0.4785

191.5800, 0.3408,
0.3842

 5.4836, 0.3849,
0.5105

234.3060, 0.3391,
0.3806

 2.5337, 0.4124,
0.5876

282.9544, 0.3376,

 0.8935, 0.3608,

0.3773

0.6392

337.9097, 0.3362,
0.3745

0.0000, 0.0000,
0.0000

53.3316, 0.3543,
0.4146

53.3316, 0.3543,
0.4146

52.4637, 0.3657,
0.4399

54.3160, 0.3421,
0.3886

51.6992, 0.3757,
0.4635

55.4152, 0.3296,
0.3628

51.0339, 0.3838,
0.4843


56.6367, 0.3172,
0.3378

50.4604, 0.3896,
0.5014


57.9854, 0.3051,
0.3142

49.9702, 0.3928,
0.5142

59.4658, 0.2937,
0.2921


 49.5531, 0.3935,
0.5225

 61.0822, 0.2830,
0.2718

 49.3147, 0.3931,
0.5261

 61.7424, 0.2828,
0.2686

 62.1823, 0.2849,
0.2690

 62.6303, 0.2869,
0.2693

Harmonies

Analogous

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



53.3316, 0.3912, 0.3997



53.3316, 0.3543, 0.4146



53.3316, 0.3079, 0.4029

Triad

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



53.3316, 0.3543, 0.4146



53.3316, 0.2264, 0.2795



53.3316, 0.3597, 0.2949

Complementary

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



53.3316, 0.3543, 0.4146



26.3839, 0.2615, 0.2321

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.



53.3316, 0.3119, 0.2678



53.3316, 0.3543, 0.4146



53.3316, 0.2375, 0.2575

Square

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



53.3316, 0.3543, 0.4146



53.3316, 0.2358, 0.3186



53.3316, 0.2677, 0.2541



53.3316, 0.3957, 0.3305

Rectangle

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



53.3316, 0.3543, 0.4146



53.3316, 0.2780, 0.3802



53.3316, 0.2677, 0.2541



53.3316, 0.3443, 0.2846

Sweetspot

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



53.3340, 0.3543, 0.4146



97.7498, 0.3252, 0.3539



32.8439, 0.3867, 0.3411



20.8587, 0.3270, 0.3575



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.



53.3340, 0.3543, 0.4146



92.3037, 0.3623, 0.4322



49.6413, 0.3271, 0.4227



12.3337, 0.3243, 0.3520



31.7390, 0.3935, 0.5258



1.5252, 0.3992, 0.5213

Inverse Universe

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



26.3839, 0.2615, 0.2321



38.3533, 0.2486, 0.2089



29.6806, 0.2921, 0.2400



10.3623, 0.3005, 0.3053



2.8504, 0.1566, 0.0636



0.1600, 0.1733, 0.0728

Previews

White Background



This preview shows how the Yxy color 53.3316, 0.3543, 0.4146 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 53.3316, 0.3543, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

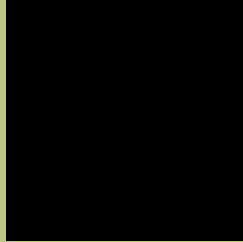
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

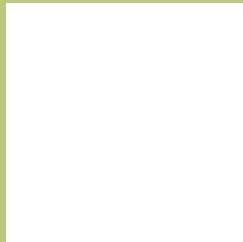
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3316, 0.3543, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 53.3316, 0.3543, 0.4146.



This preview shows how white text looks on a background with the Yxy color 53.3316, 0.3543, 0.4146.

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

53.3316, 0.3543, 0.4146

Protanopia

53.2802, 0.3764, 0.4065

Deuteranopia

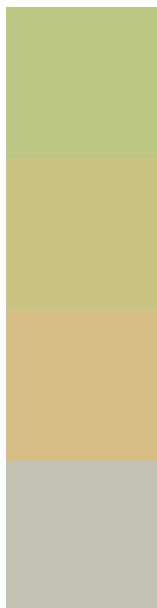
53.2702, 0.3940, 0.3861



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.3316, 0.3543, 0.4146

Protanomaly

53.1985, 0.3686, 0.4093

Deuteranomaly

52.9952, 0.3791, 0.3959

Tritanomaly

52.9564, 0.3258, 0.3477

Monochromacy



Original Color

53.3316, 0.3543, 0.4146

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2178, 0.3278, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3316, 0.3543, 0.4146 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(189, 199, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 132)  
}
```

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(189, 199, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 132) }
```

Border

The CSS property to change the border of an element to Yxy 53.3316, 0.3543, 0.4146 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(189, 199, 132) }
```

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

```
.border{ border-color:rgb(189, 199, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3316, 0.3543, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 132) }
```

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

```
.background{ background-color: rgb(189,  
199, 132) }
```

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