

Converting Colors

$Y_{xy}(54.1990, 0.3702, 0.4040)$

Have a look what the booklet for
Yxy(54.1990, 0.3702, 0.4040)
contains.

Yxy(54.0168, 0.3700, 0.4033)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0168, 0.3700, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	CFC386
RGB	207, 195, 134
RGB Percent	81%, 76%, 53%
CMY	0.1881, 0.2353, 0.4746
CMYK	0.00, 0.06, 0.35, 0.19
HSL	50°, 43%, 67%
HSV	50°, 35%, 81%
XYZ	49.5567, 54.0168, 30.3635
YIQ	191.6340, 26.7330, -16.4270

Conversions

Conversions Part 2

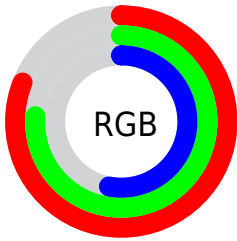
Format	Color
RYB	148, 207, 134
Decimal	13616006
CIELab	78.47, -4.77, 32.22
CIELCh	78, 32.568, 98.429
Yxy	54.0168, 0.3700, 0.4033
Android (android.graphics.Color)	4291806086 (0xFFCFC386)
YUV	191.6340, -28.4136, 13.4760
Hunter-Lab	73.4961, -8.2599, 26.9528

Details

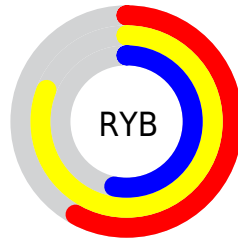
The Yxy color **54.0168, 0.3700, 0.4033** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1404, 0.2516, 0.2416**, and the grayscale version is **52.6478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8852, 0.3535, 0.3913**, and **26.6459, 0.3846, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **51.9853, 0.3870, 0.4236**, and if you desaturate by 10%, it is **56.2013, 0.3529, 0.3820**.

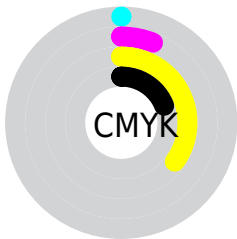
Distribution



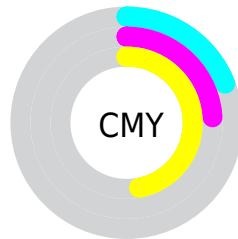
- Red (81%)
- Green (76%)
- Blue (53%)



- Red (58%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0168, 0.3700, 0.4033 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 54.0168, 0.3700, 0.4033 by changing the saturation by 10% instead.

 54.0168, 0.3700,
0.4033

 54.0168, 0.3700,
0.4033


402.1741, 0.3427,
0.3671


 38.6151, 0.3763,
0.4119

 96.0989, 0.3605,
0.3905

 26.4604, 0.3840,
0.4226


 123.5481, 0.3568,
0.3855

 17.1684, 0.3936,
0.4362


 155.7819, 0.3536,
0.3814

 10.3546, 0.4058,
0.4540

193.1847, 0.3508,
0.3777

 5.6347, 0.4209,
0.4777

236.1410, 0.3484,
0.3746

 2.6243, 0.4629,
0.5371

285.0350, 0.3463,

 0.9389, 0.4521,

0.3718

0.5479

340.2512, 0.3444,
0.3693

0.0000, 0.0000,
0.0000

54.0168, 0.3700,
0.4033

54.0168, 0.3700,
0.4033

51.9853, 0.3870,
0.4236

56.2013, 0.3529,
0.3820

50.0925, 0.4034,
0.4420

58.5376, 0.3364,
0.3606

48.3334, 0.4184,
0.4575


61.0342, 0.3206,
0.3397

46.6994, 0.4314,
0.4692

63.6965, 0.3059,
0.3197

45.1807, 0.4417,
0.4764


66.5298, 0.2924,
0.3009

 43.7655, 0.4491,
0.4790

 69.3306, 0.2819,
0.2866

 43.1234, 0.4520,
0.4793

 71.0917, 0.2822,
0.2903

 72.8893, 0.2824,
0.2941

 74.7236, 0.2826,
0.2978

Harmonies

Analogous

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



54.0168, 0.3951, 0.3811



54.0168, 0.3700, 0.4033



54.0168, 0.3304, 0.4051

Triad

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



54.0168, 0.3700, 0.4033



54.0168, 0.2351, 0.3003



54.0168, 0.3343, 0.2836

Complementary

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



54.0168, 0.3700, 0.4033



30.1404, 0.2516, 0.2416

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.



54.0168, 0.2905, 0.2643



54.0168, 0.3700, 0.4033



54.0168, 0.2358, 0.2714

Square

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



54.0168, 0.3700, 0.4033



54.0168, 0.2534, 0.3413



54.0168, 0.2553, 0.2594



54.0168, 0.3744, 0.3135

Rectangle

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



54.0168, 0.3700, 0.4033



54.0168, 0.3015, 0.3921



54.0168, 0.2553, 0.2594



54.0168, 0.3194, 0.2758

Sweetspot

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



54.0193, 0.3700, 0.4033



95.4089, 0.3297, 0.3519



32.3977, 0.3821, 0.3136



20.3051, 0.3319, 0.3548



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.



54.0193, 0.3700, 0.4033



84.1648, 0.3823, 0.4181



56.3922, 0.3452, 0.4225



13.4520, 0.3270, 0.3483



27.2782, 0.4515, 0.4797



1.6157, 0.4446, 0.4852

Inverse Universe

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



30.1404, 0.2516, 0.2416



40.6166, 0.2373, 0.2201



28.8569, 0.2703, 0.2297



11.7280, 0.2982, 0.3090



3.6566, 0.1542, 0.0751



0.3047, 0.1627, 0.1055

Previews

White Background



This preview shows how the Yxy color 54.0168, 0.3700, 0.4033 looks on a white background.

Color Contrast Check

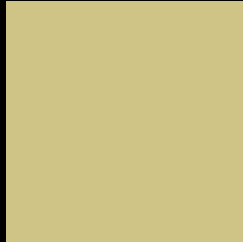
Large Text (above 18pt) WCAG AA × Fail

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 54.0168, 0.3700, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

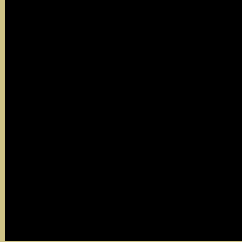
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0168, 0.3700, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 54.0168, 0.3700, 0.4033.



This preview shows how white text looks on a background with the Yxy color 54.0168, 0.3700, 0.4033.

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

54.0168, 0.3700, 0.4033

Protanopia

54.0064, 0.3730, 0.4015

Deuteranopia

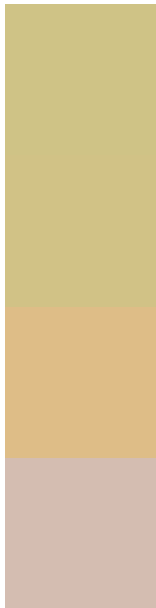
53.8843, 0.3936, 0.3859



Tritanopia

53.7819, 0.3252, 0.3116

Trichromacy



Original Color

54.0168, 0.3700, 0.4033

Protanomaly

53.8601, 0.3721, 0.4017

Deuteranomaly

53.6741, 0.3850, 0.3921

Tritanomaly

53.5666, 0.3416, 0.3434

Monochromacy



Original Color

54.0168, 0.3700, 0.4033

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9505, 0.3329, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0168, 0.3700, 0.4033 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(207, 195, 134)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 134)  
}
```

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(207, 195, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 134) }
```

Border

The CSS property to change the border of an element to Yxy 54.0168, 0.3700, 0.4033 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(207, 195, 134) }
```

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

```
.border{ border-color:rgb(207, 195, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0168, 0.3700, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 134) }
```

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

```
.background{ background-color: rgb(207,  
195, 134) }
```

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