

Converting Colors

$Yxy(54.6880, 0.3499, 0.3912)$

Have a look what the booklet for
Yxy(54.6880, 0.3499, 0.3912)
contains.

Yxy(54.5321, 0.3505, 0.3914)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5321, 0.3505, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	C6C694
RGB	198, 198, 148
RGB Percent	78%, 78%, 58%
CMY	0.2234, 0.2235, 0.4197
CMYK	0.00, 0.00, 0.25, 0.22
HSL	60°, 31%, 68%
HSV	60°, 25%, 78%
XYZ	48.8337, 54.5321, 35.9600
YIQ	192.3000, 16.0500, -15.5500

Conversions

Conversions Part 2

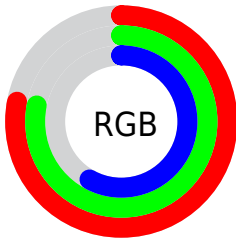
Format	Color
R_{YB}	148, 198, 148
Decimal	13026964
CIE _{Lab}	78.77, -8.03, 25.15
CIE _{LCh}	79, 26.404, 107.708
Yxy	54.5321, 0.3505, 0.3914
Android (android.graphics.Color)	4291217044 (0xFFC6C694)
YUV	192.3000, -21.8399, 4.9989
Hunter-Lab	73.8459, -11.1896, 22.8202

Details

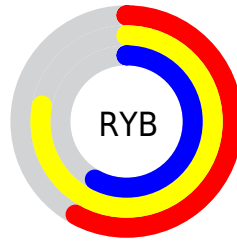
The Yxy color **54.5321, 0.3505, 0.3914** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5590, 0.2697, 0.2579**, and the grayscale version is **53.0229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **26.7389, 0.3603, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **53.9531, 0.3653, 0.4158**, and if you desaturate by 10%, it is **55.2233, 0.3354, 0.3664**.

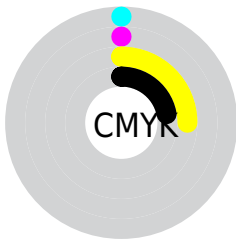
Distribution



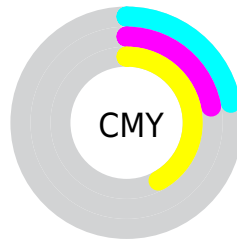
- Red (78%)
- Green (78%)
- Blue (58%)



- Red (58%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5321, 0.3505, 0.3914 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 54.5321, 0.3505, 0.3914 by changing the saturation by 10% instead.


 54.5321, 0.3505,
0.3914


 54.5321, 0.3505,
0.3914


404.1358, 0.3325,
0.3607

 39.0272, 0.3547,
0.3989

 96.8551, 0.3442,
0.3804

 26.7809, 0.3598,
0.4083


 124.4420, 0.3418,
0.3762

 17.4087, 0.3663,
0.4207


156.8250, 0.3397,
0.3726

 10.5263, 0.3747,
0.4373

194.3885, 0.3379,
0.3696

 5.7493, 0.3855,
0.4608

237.5170, 0.3363,
0.3669

 2.6933, 0.4043,
0.5018

286.5948, 0.3349,

 0.9738, 0.4274,

0.3646

0.5726

342.0062, 0.3336,
0.3625

0.0000, 0.0000,
0.0000

54.5321, 0.3505,
0.3914

54.5321, 0.3505,
0.3914

53.9531, 0.3653,
0.4158

55.2233, 0.3354,
0.3664

53.4734, 0.3792,
0.4388

56.0244, 0.3204,
0.3417

53.0896, 0.3917,
0.4594

56.9427, 0.3060,
0.3179

52.7952, 0.4021,
0.4766

57.9825, 0.2923,
0.2953

52.5827, 0.4102,
0.4899

59.1482, 0.2796,
0.2742

■ 52.4436, 0.4156,
0.4988

■ 59.6600, 0.2747,
0.2662

■ 52.3674, 0.4186,
0.5037

■ 59.6672, 0.2747,
0.2662

■ 52.3435, 0.4195,
0.5051

■ 59.6744, 0.2747,
0.2663

■ 59.6816, 0.2747,
0.2663

Harmonies

Analogous

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



54.5321, 0.3750, 0.3787



54.5321, 0.3505, 0.3914



54.5321, 0.3166, 0.3859

Triad

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



54.5321, 0.3505, 0.3914



54.5321, 0.2476, 0.2977



54.5321, 0.3412, 0.2988

Complementary

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



54.5321, 0.3505, 0.3914



31.5590, 0.2697, 0.2579

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.



54.5321, 0.3056, 0.2795



54.5321, 0.3505, 0.3914



54.5321, 0.2531, 0.2776

Square

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



54.5321, 0.3505, 0.3914



54.5321, 0.2581, 0.3286



54.5321, 0.2738, 0.2717



54.5321, 0.3700, 0.3254

Rectangle

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



54.5321, 0.3505, 0.3914



54.5321, 0.2936, 0.3717



54.5321, 0.2738, 0.2717



54.5321, 0.3296, 0.2913

Sweetspot

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



54.5345, 0.3505, 0.3914



98.7448, 0.3246, 0.3487



35.3483, 0.3647, 0.3281



21.0882, 0.3269, 0.3525



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.



54.5345, 0.3505, 0.3914



95.9759, 0.3582, 0.4042



51.5226, 0.3301, 0.3958



12.4155, 0.3265, 0.3518



34.0272, 0.4195, 0.5051



1.6117, 0.4194, 0.5052

Inverse Universe

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



31.5590, 0.2697, 0.2579



48.8085, 0.2594, 0.2409



34.0428, 0.2913, 0.2621



10.2888, 0.2983, 0.3051



2.6543, 0.1500, 0.0601



0.1262, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 54.5321, 0.3505, 0.3914 looks on a white background.

Color Contrast Check

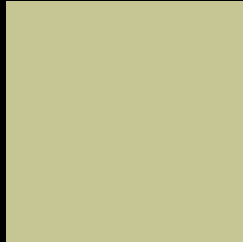
Large Text (above 18pt) WCAG AA × Fail

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 54.5321, 0.3505, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

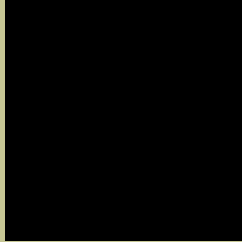
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

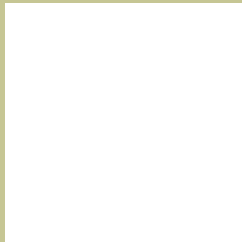
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5321, 0.3505, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 54.5321, 0.3505, 0.3914.



This preview shows how white text looks on a background with the Yxy color 54.5321, 0.3505, 0.3914.

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

54.5321, 0.3505, 0.3914

Protanopia

54.6608, 0.3624, 0.3884

Deuteranopia

54.4007, 0.3797, 0.3716



Tritanopia

54.2138, 0.3135, 0.3113

Trichromacy



Original Color

54.5321, 0.3505, 0.3914

Protanomaly

54.5656, 0.3578, 0.3891

Deuteranomaly

54.3370, 0.3693, 0.3788

Tritanomaly

54.1572, 0.3269, 0.3400

Monochromacy



Original Color

54.5321, 0.3505, 0.3914

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1875, 0.3263, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5321, 0.3505, 0.3914 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(198, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 148)  
}
```

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(198, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 148) }
```

Border

The CSS property to change the border of an element to Yxy 54.5321, 0.3505, 0.3914 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(198, 198, 148) }
```

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

```
.border{ border-color:rgb(198, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5321, 0.3505, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 148) }
```

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

```
.background{ background-color: rgb(198,  
198, 148) }
```

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