

Converting Colors

Yxy(54.0564, 0.3430, 0.3699)

Have a look what the booklet for
Yxy(54.0564, 0.3430, 0.3699)
contains.

Yxy(54.0564, 0.3430, 0.3699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0564, 0.3430, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	C9C3A2
RGB	201, 195, 162
RGB Percent	79%, 76%, 64%
CMY	0.2117, 0.2353, 0.3649
CMYK	0.00, 0.03, 0.19, 0.21
HSL	51°, 27%, 71%
HSV	51°, 19%, 79%
XYZ	50.1253, 54.0564, 41.9562
YIQ	193.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

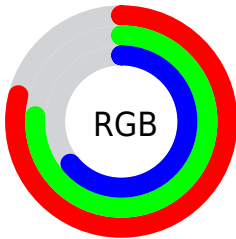
Format	Color
RYB	169, 201, 162
Decimal	13222818
CIELab	78.49, -3.34, 17.38
CIELCh	78, 17.702, 100.876
Yxy	54.0564, 0.3430, 0.3699
Android (android.graphics.Color)	4291412898 (0xFFC9C3A2)
YUV	193.0320, -15.2988, 6.9879
Hunter-Lab	73.5231, -6.9707, 17.6321

Details

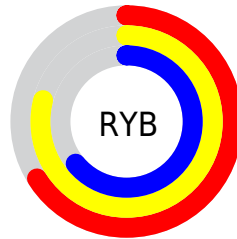
The Yxy color **54.0564, 0.3430, 0.3699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8936, 0.2812, 0.2845**, and the grayscale version is **53.4348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2641, 0.3357, 0.3623**, and **26.3786, 0.3516, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **52.0266, 0.3597, 0.3915**, and if you desaturate by 10%, it is **56.2341, 0.3270, 0.3485**.

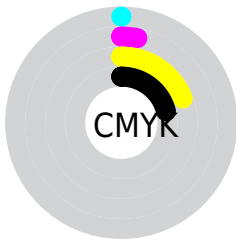
Distribution



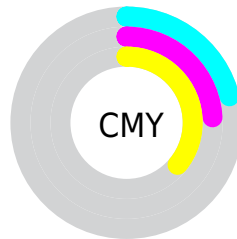
- Red (79%)
- Green (76%)
- Blue (64%)



- Red (66%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0564, 0.3430, 0.3699 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 54.0564, 0.3430, 0.3699 by changing the saturation by 10% instead.


 54.0564, 0.3430,
0.3699


 54.0564, 0.3430,
0.3699


402.3250, 0.3283,
0.3498

 38.6468, 0.3465,
0.3748

 96.1571, 0.3378,
0.3627

 26.4850, 0.3509,
0.3810

 123.6168, 0.3358,
0.3600

 17.1868, 0.3566,
0.3890


155.8621, 0.3341,
0.3577

 10.3678, 0.3642,
0.4000


193.2773, 0.3326,
0.3557

 5.6435, 0.3749,
0.4157

236.2468, 0.3314,
0.3539

 2.6295, 0.3905,
0.4398

285.1550, 0.3302,

 0.9415, 0.4632,

0.3524

0.5368

340.3863, 0.3292,
0.3510

0.0000, 0.0000,
0.0000

54.0564, 0.3430,
0.3699

54.0564, 0.3430,
0.3699

52.0266, 0.3597,
0.3915

56.2341, 0.3270,
0.3485

50.1318, 0.3766,
0.4127

58.5577, 0.3119,
0.3279

48.3685, 0.3932,
0.4325

61.0345, 0.2979,
0.3083

46.7300, 0.4088,
0.4499

63.6692, 0.2851,
0.2900

45.2091, 0.4226,
0.4641

65.9756, 0.2777,
0.2805

■ 43.7975, 0.4342,
0.4741

■ 67.5246, 0.2779,
0.2840

■ 42.4854, 0.4430,
0.4797

■ 69.1034, 0.2782,
0.2875

■ 41.2558, 0.4492,
0.4812

■ 70.7122, 0.2784,
0.2909

■ 41.1870, 0.4496,
0.4812

■ 72.3511, 0.2787,
0.2943

Harmonies

Analogous

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



54.0564, 0.3569, 0.3599



54.0564, 0.3430, 0.3699



54.0564, 0.3212, 0.3685

Triad

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



54.0564, 0.3430, 0.3699



54.0564, 0.2689, 0.3127



54.0564, 0.3268, 0.3047

Complementary

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



54.0564, 0.3430, 0.3699



39.8936, 0.2812, 0.2845

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.



54.0564, 0.3029, 0.2929



54.0564, 0.3430, 0.3699



54.0564, 0.2701, 0.2967

Square

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



54.0564, 0.3430, 0.3699



54.0564, 0.2788, 0.3343



54.0564, 0.2823, 0.2899



54.0564, 0.3475, 0.3225

Rectangle

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



54.0564, 0.3430, 0.3699



54.0564, 0.3054, 0.3608



54.0564, 0.2823, 0.2899



54.0564, 0.3188, 0.3000

Sweetspot

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



54.0588, 0.3430, 0.3699



97.5585, 0.3218, 0.3415



41.0925, 0.3444, 0.3208



20.8259, 0.3228, 0.3429



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.



54.0588, 0.3430, 0.3699



91.1504, 0.3494, 0.3783



55.0816, 0.3309, 0.3786



12.1278, 0.3269, 0.3484



25.9999, 0.4491, 0.4816



1.3084, 0.4419, 0.4873

Inverse Universe

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



39.8936, 0.2812, 0.2845



62.8509, 0.2742, 0.2743



39.1573, 0.2918, 0.2778



10.5470, 0.2983, 0.3088



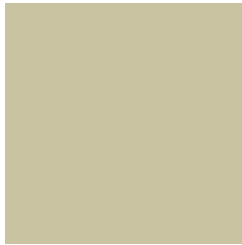
3.3531, 0.1539, 0.0739



0.2450, 0.1630, 0.1069

Previews

White Background



This preview shows how the Yxy color 54.0564, 0.3430, 0.3699 looks on a white background.

Color Contrast Check

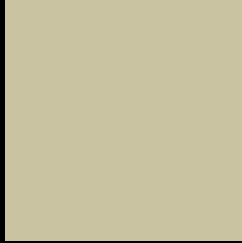
Large Text (above 18pt) WCAG AA × Fail

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 54.0564, 0.3430, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

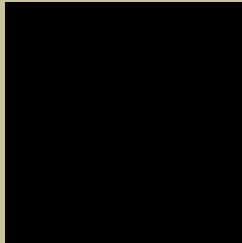
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

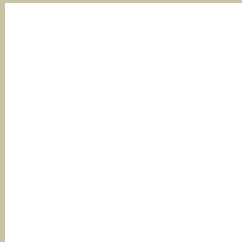
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0564, 0.3430, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 54.0564, 0.3430, 0.3699.



This preview shows how white text looks on a background with the Yxy color 54.0564, 0.3430, 0.3699.

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

54.0564, 0.3430, 0.3699

Protanopia

54.1359, 0.3474, 0.3695

Deuteranopia

54.0683, 0.3634, 0.3559



Tritanopia

54.0202, 0.3160, 0.3113

Trichromacy



Original Color

54.0564, 0.3430, 0.3699

Protanomaly

53.9942, 0.3465, 0.3696

Deuteranomaly

54.0702, 0.3564, 0.3612

Tritanomaly

53.9149, 0.3258, 0.3314

Monochromacy



Original Color

54.0564, 0.3430, 0.3699

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6967, 0.3234, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0564, 0.3430, 0.3699 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(201, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 162)  
}
```

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(201, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.0564, 0.3430, 0.3699 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(201, 195, 162) }
```

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

```
.border{ border-color:rgb(201, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 162);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0564, 0.3430, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 162) }
```

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

```
.background{ background-color: rgb(201,  
195, 162) }
```

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