

Converting Colors

$Y_{xy}(54.2302, 0.3565, 0.3754)$

Have a look what the booklet for
Yxy(54.2302, 0.3565, 0.3754)
contains.

Yxy(54.2081, 0.3568, 0.3751)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2081, 0.3568, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	D2C19B
RGB	210, 193, 155
RGB Percent	82%, 76%, 61%
CMY	0.1765, 0.2431, 0.3922
CMYK	0.00, 0.08, 0.26, 0.18
HSL	41°, 38%, 72%
HSV	41°, 26%, 82%
XYZ	51.5634, 54.2081, 38.7448
YIQ	193.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

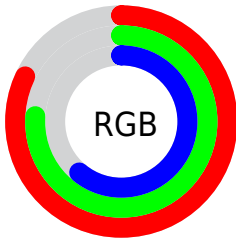
Format	Color
RYB	180, 210, 155
Decimal	13812123
CIELab	78.58, 0.11, 21.35
CIELCh	79, 21.349, 89.715
Yxy	54.2081, 0.3568, 0.3751
Android (android.graphics.Color)	4292002203 (0xFFD2C19B)
YUV	193.7510, -19.1042, 14.2504
Hunter-Lab	73.6262, -3.8348, 20.3377

Details

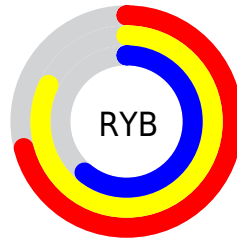
The Yxy color **54.2081, 0.3568, 0.3751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1141, 0.2699, 0.2781**, and the grayscale version is **53.8994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6645, 0.3403, 0.3675**, and **26.7242, 0.3678, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **50.7599, 0.3761, 0.3932**, and if you desaturate by 10%, it is **57.9097, 0.3388, 0.3570**.

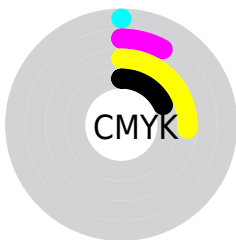
Distribution



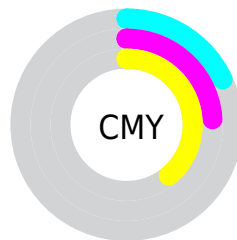
- Red (82%)
- Green (76%)
- Blue (61%)



- Red (71%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2081, 0.3568, 0.3751 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 54.2081, 0.3568, 0.3751 by changing the saturation by 10% instead.


 54.2081, 0.3568,
0.3751

 54.2081, 0.3568,
0.3751


402.9031, 0.3354,
0.3527

 38.7681, 0.3619,
0.3804


 96.3797, 0.3492,
0.3671

 26.5793, 0.3683,
0.3871


 123.8801, 0.3463,
0.3641

 17.2575, 0.3766,
0.3958


156.1694, 0.3438,
0.3615

 10.4183, 0.3877,
0.4073

193.6319, 0.3417,
0.3593

 5.6772, 0.4030,
0.4233

236.6522, 0.3398,
0.3573

 2.6498, 0.4263,
0.4475

285.6145, 0.3382,

 0.9518, 0.4881,

0.3556

0.5119

340.9034, 0.3367,
0.3541

0.0000, 0.0000,
0.0000

54.2081, 0.3568,
0.3751

54.2081, 0.3568,
0.3751

50.7599, 0.3761,
0.3932

57.9097, 0.3388,
0.3570

47.5498, 0.3962,
0.4106

61.8648, 0.3222,
0.3395

44.5717, 0.4166,
0.4263

66.0829, 0.3072,
0.3228

41.8164, 0.4364,
0.4392

70.5707, 0.2937,
0.3072

39.2733, 0.4547,
0.4484

75.0098, 0.2844,
0.2977

■ 36.9309, 0.4704,
0.4528

■ 78.5929, 0.2848,
0.3047

■ 34.7745, 0.4830,
0.4522

■ 82.3108, 0.2851,
0.3116

■ 33.9951, 0.4874,
0.4512

■ 86.1649, 0.2855,
0.3184

■ 90.1566, 0.2858,
0.3252

Harmonies

Analogous

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



54.2081, 0.3687, 0.3587



54.2081, 0.3568, 0.3751



54.2081, 0.3332, 0.3793

Triad

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



54.2081, 0.3568, 0.3751



54.2081, 0.2631, 0.3183



54.2081, 0.3188, 0.2937

Complementary

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



54.2081, 0.3568, 0.3751



41.1141, 0.2699, 0.2781

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.



54.2081, 0.2907, 0.2832



54.2081, 0.3568, 0.3751



54.2081, 0.2596, 0.2960

Square

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



54.2081, 0.3568, 0.3751



54.2081, 0.2793, 0.3454



54.2081, 0.2695, 0.2837



54.2081, 0.3463, 0.3126

Rectangle

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



54.2081, 0.3568, 0.3751



54.2081, 0.3143, 0.3737



54.2081, 0.2695, 0.2837



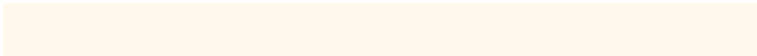
54.2081, 0.3091, 0.2892

Sweetspot

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



54.2106, 0.3568, 0.3751



94.8005, 0.3252, 0.3427



40.1309, 0.3509, 0.3076



20.0883, 0.3277, 0.3454



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.



54.2106, 0.3568, 0.3751



81.3116, 0.3666, 0.3845



60.7277, 0.3439, 0.3958



13.1557, 0.3274, 0.3450



20.9217, 0.4862, 0.4522



1.3072, 0.4710, 0.4642

Inverse Universe

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



41.1141, 0.2699, 0.2781



57.9227, 0.2607, 0.2664



36.0944, 0.2760, 0.2562



12.0048, 0.2982, 0.3125



5.2928, 0.1620, 0.1030



0.4365, 0.1724, 0.1405

Previews

White Background



This preview shows how the Yxy color 54.2081, 0.3568, 0.3751 looks on a white background.

Color Contrast Check

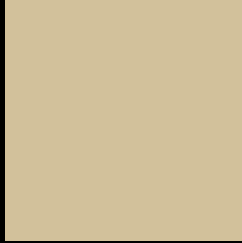
Large Text (above 18pt) WCAG AA × Fail

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 54.2081, 0.3568, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

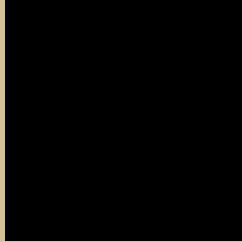
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2081, 0.3568, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 54.2081, 0.3568, 0.3751.



This preview shows how white text looks on a background with the Yxy color 54.2081, 0.3568, 0.3751.

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

54.2081, 0.3568, 0.3751

Protanopia

54.2493, 0.3531, 0.3754

Deuteranopia

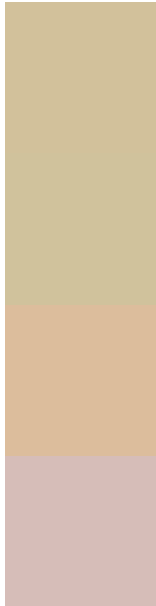
54.1097, 0.3719, 0.3650



Tritanopia

54.3566, 0.3259, 0.3128

Trichromacy



Original Color

54.2081, 0.3568, 0.3751

Protanomaly

54.3938, 0.3540, 0.3753

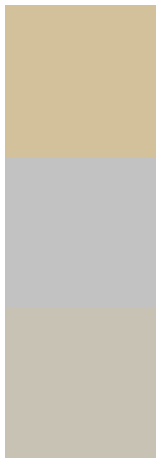
Deuteranomaly

54.0111, 0.3660, 0.3680

Tritanomaly

54.1520, 0.3376, 0.3350

Monochromacy



Original Color

54.2081, 0.3568, 0.3751

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1582, 0.3282, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2081, 0.3568, 0.3751 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(210, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 155)  
}
```

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(210, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 155) }
```

Border

The CSS property to change the border of an element to Yxy 54.2081, 0.3568, 0.3751 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(210, 193, 155) }
```

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

```
.border{ border-color:rgb(210, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2081, 0.3568, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 155) }
```

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

```
.background{ background-color: rgb(210,  
193, 155) }
```

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