

Converting Colors

Yxy(53.8981, 0.3485, 0.3684)

Have a look what the booklet for
Yxy(53.8981, 0.3485, 0.3684)
contains.

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Color

Yxy(53.8349, 0.3485, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	CEC1A1
RGB	206, 193, 161
RGB Percent	81%, 76%, 63%
CMY	0.1922, 0.2431, 0.3686
CMYK	0.00, 0.06, 0.22, 0.19
HSL	43°, 31%, 72%
HSV	43°, 22%, 81%
XYZ	50.9545, 53.8349, 41.4216
YIQ	193.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

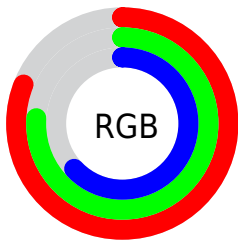
Format	Color
RYB	179, 206, 161
Decimal	13549985
CIELab	78.37, -0.57, 17.78
CIELCh	78, 17.791, 91.828
Yxy	53.8349, 0.3485, 0.3682
Android (android.graphics.Color)	4291740065 (0xFFCEC1A1)
YUV	193.2390, -15.8938, 11.1914
Hunter-Lab	73.3723, -4.4393, 17.8890

Details

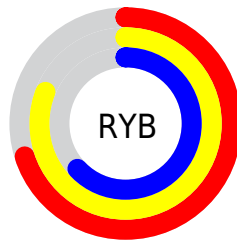
The Yxy color $53.8349, 0.3485, 0.3682$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.2974, 0.2775, 0.2865$, and the grayscale version is $53.5642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.9692, 0.3366, 0.3615$, and $26.4396, 0.3578, 0.3799$ is the 20% darker color. If you saturate the color by 10%, you get $50.5937, 0.3670, 0.3868$, and if you desaturate by 10%, it is $57.3064, 0.3313, 0.3498$.

Distribution



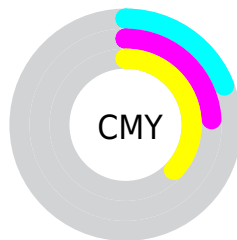
- Red (81%)
- Green (76%)
- Blue (63%)



- Red (70%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8349, 0.3485, 0.3682 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 53.8349, 0.3485, 0.3682 by changing the saturation by 10% instead.


 53.8349, 0.3485,
0.3682

 53.8349, 0.3485,
0.3682


401.4801, 0.3311,
0.3491

 38.4697, 0.3527,
0.3728

 95.8318, 0.3423,
0.3614

 26.3474, 0.3580,
0.3786


 123.2323, 0.3399,
0.3588

 17.0837, 0.3648,
0.3862


155.4133, 0.3379,
0.3566

 10.2942, 0.3740,
0.3964

192.7592, 0.3362,
0.3547

 5.5945, 0.3870,
0.4108

235.6544, 0.3347,
0.3530

 2.6001, 0.4062,
0.4324

284.4834, 0.3333,

 0.9267, 0.4832,

0.3515

0.5168

339.6305, 0.3321,
0.3502

0.0000, 0.0000,
0.0000

53.8349, 0.3485,
0.3682

53.8349, 0.3485,
0.3682

50.5937, 0.3670,
0.3868

57.3064, 0.3313,
0.3498

47.5683, 0.3864,
0.4050

61.0074, 0.3155,
0.3322

44.7536, 0.4062,
0.4220

64.9469, 0.3011,
0.3155

42.1414, 0.4256,
0.4367

69.1306, 0.2882,
0.2999

39.7226, 0.4439,
0.4479

72.9716, 0.2817,
0.2945

■ 37.4868, 0.4600,
0.4549

■ 76.1989, 0.2821,
0.3010

■ 35.4222, 0.4731,
0.4569

■ 79.5388, 0.2825,
0.3074

■ 33.8484, 0.4820,
0.4555

■ 82.9924, 0.2829,
0.3138

■ 86.5608, 0.2833,
0.3201

Harmonies

Analogous

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



53.8349, 0.3591, 0.3554



53.8349, 0.3485, 0.3682



53.8349, 0.3284, 0.3705

Triad

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



53.8349, 0.3485, 0.3682



53.8349, 0.2705, 0.3188



53.8349, 0.3196, 0.3002

Complementary

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



53.8349, 0.3485, 0.3682



42.2974, 0.2775, 0.2865

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.



53.8349, 0.2959, 0.2908



53.8349, 0.3485, 0.3682



53.8349, 0.2683, 0.3005

Square

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



53.8349, 0.3485, 0.3682



53.8349, 0.2835, 0.3411



53.8349, 0.2774, 0.2906



53.8349, 0.3422, 0.3166

Rectangle

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



53.8349, 0.3485, 0.3682



53.8349, 0.3125, 0.3652



53.8349, 0.2774, 0.2906



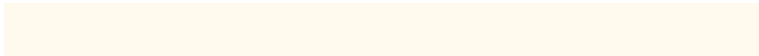
53.8349, 0.3115, 0.2961

Sweetspot

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



53.8373, 0.3485, 0.3682



95.6607, 0.3236, 0.3413



41.6847, 0.3437, 0.3123



20.3972, 0.3245, 0.3424



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.



53.8373, 0.3485, 0.3682



84.8360, 0.3566, 0.3765



58.5814, 0.3381, 0.3844



12.5284, 0.3273, 0.3454



21.0180, 0.4808, 0.4564



1.2105, 0.4661, 0.4681

Inverse Universe

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



42.2974, 0.2775, 0.2865



63.0304, 0.2696, 0.2764



38.4901, 0.2837, 0.2698



11.3626, 0.2983, 0.3120



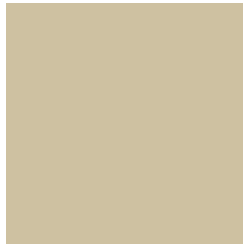
4.8440, 0.1607, 0.0984



0.3818, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 53.8349, 0.3485, 0.3682 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 53.8349, 0.3485, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

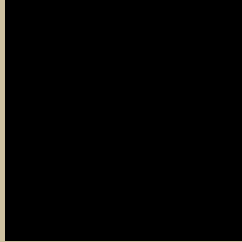
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

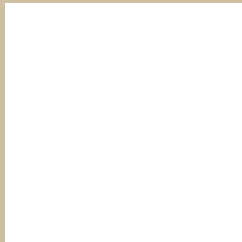
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8349, 0.3485, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 53.8349, 0.3485, 0.3682.

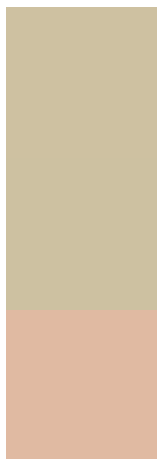


This preview shows how white text looks on a background with the Yxy color 53.8349, 0.3485, 0.3682.

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

53.8349, 0.3485, 0.3682

Protanopia

53.6923, 0.3476, 0.3683

Deuteranopia

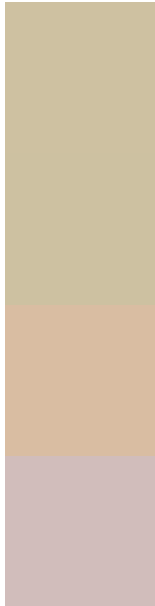
53.5737, 0.3654, 0.3571



Tritanopia

53.6538, 0.3210, 0.3115

Trichromacy



Original Color

53.8349, 0.3485, 0.3682

Protanomaly

53.6923, 0.3476, 0.3683

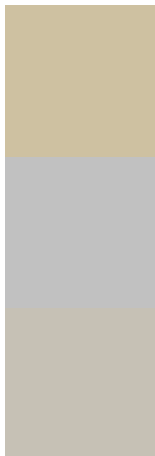
Deuteranomaly

53.7555, 0.3583, 0.3612

Tritanomaly

53.5384, 0.3310, 0.3314

Monochromacy



Original Color

53.8349, 0.3485, 0.3682

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4819, 0.3259, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8349, 0.3485, 0.3682 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(206, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 161)  
}
```

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(206, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.8349, 0.3485, 0.3682 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(206, 193, 161) }
```

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

```
.border{ border-color:rgb(206, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8349, 0.3485, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 161) }
```

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

```
.background{ background-color: rgb(206,  
193, 161) }
```

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](#).

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