

Converting Colors

Yxy(54.0007, 0.3541, 0.3793)

Have a look what the booklet for
Yxy(54.0007, 0.3541, 0.3793)
contains.

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Color

Yxy(54.0053, 0.3546, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	CEC299
RGB	206, 194, 153
RGB Percent	81%, 76%, 60%
CMY	0.1922, 0.2392, 0.4001
CMYK	0.00, 0.06, 0.26, 0.19
HSL	46°, 35%, 70%
HSV	46°, 26%, 81%
XYZ	50.4885, 54.0053, 37.8877
YIQ	192.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

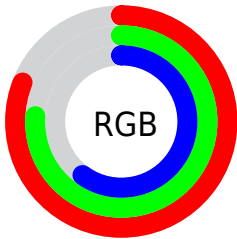
Format	Color
R _Y B	169, 206, 153
Decimal	13550233
CIE Lab	78.46, -2.24, 22.20
CIE LCh	78, 22.310, 95.758
Yxy	54.0053, 0.3546, 0.3793
Android (android.graphics.Color)	4291740313 (0xFFCEC299)
YUV	192.9140, -19.6776, 11.4764
Hunter-Lab	73.4883, -5.9701, 20.8742

Details

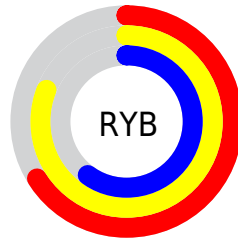
The Yxy color **54.0053, 0.3546, 0.3793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1118, 0.2702, 0.2731**, and the grayscale version is **53.3826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1853, 0.3414, 0.3704**, and **26.5884, 0.3648, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **51.3477, 0.3725, 0.3992**, and if you desaturate by 10%, it is **56.8500, 0.3374, 0.3593**.

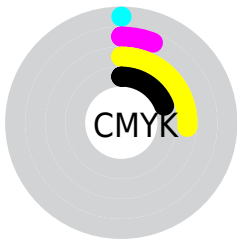
Distribution



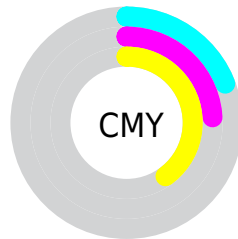
- Red (81%)
- Green (76%)
- Blue (60%)



- Red (66%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0053, 0.3546, 0.3793 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 54.0053, 0.3546, 0.3793 by changing the saturation by 10% instead.


 54.0053, 0.3546,
0.3793

 54.0053, 0.3546,
0.3793


402.1302, 0.3343,
0.3548

 38.6059, 0.3594,
0.3852

 96.0820, 0.3474,
0.3705

 26.4533, 0.3654,
0.3926


 123.5281, 0.3447,
0.3672

 17.1630, 0.3732,
0.4023


155.7586, 0.3423,
0.3644

 10.3508, 0.3835,
0.4152

193.1579, 0.3403,
0.3619

 5.6322, 0.3976,
0.4333

236.1102, 0.3385,
0.3598

 2.6227, 0.4195,
0.4619

285.0002, 0.3370,

 0.9381, 0.4712,

0.3579

0.5288

340.2120, 0.3356,
0.3562

0.0000, 0.0000,
0.0000

54.0053, 0.3546,
0.3793

54.0053, 0.3546,
0.3793

51.3477, 0.3725,
0.3992

56.8500, 0.3374,
0.3593

48.8633, 0.3908,
0.4183

59.8806, 0.3214,
0.3398

46.5474, 0.4088,
0.4356

63.1054, 0.3066,
0.3212

44.3920, 0.4257,
0.4501

66.5299, 0.2930,
0.3037

42.3884, 0.4407,
0.4608

70.0973, 0.2814,
0.2885

■ 40.5264, 0.4532,
0.4669

■ 72.5314, 0.2817,
0.2936

■ 38.7937, 0.4626,
0.4683

■ 75.0336, 0.2820,
0.2987

■ 38.0840, 0.4662,
0.4681

■ 77.6044, 0.2823,
0.3037

■ 80.2444, 0.2826,
0.3087

Harmonies

Analogous

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



54.0053, 0.3701, 0.3642



54.0053, 0.3546, 0.3793



54.0053, 0.3282, 0.3807

Triad

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



54.0053, 0.3546, 0.3793



54.0053, 0.2591, 0.3124



54.0053, 0.3252, 0.2956

Complementary

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



54.0053, 0.3546, 0.3793



38.1118, 0.2702, 0.2731

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.



54.0053, 0.2952, 0.2826



54.0053, 0.3546, 0.3793



54.0053, 0.2582, 0.2909

Square

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



54.0053, 0.3546, 0.3793



54.0053, 0.2735, 0.3404



54.0053, 0.2711, 0.2806



54.0053, 0.3528, 0.3165

Rectangle

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



54.0053, 0.3546, 0.3793



54.0053, 0.3083, 0.3727



54.0053, 0.2711, 0.2806



54.0053, 0.3150, 0.2902

Sweetspot

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



54.0077, 0.3546, 0.3793



95.8527, 0.3251, 0.3443



38.6213, 0.3544, 0.3135



20.3544, 0.3275, 0.3473



0.0000, 0.0000, 0.0000



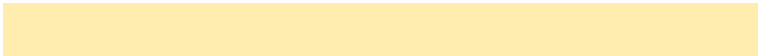
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0077, 0.3546, 0.3793



85.0534, 0.3647, 0.3906



57.6165, 0.3397, 0.3953



12.6505, 0.3271, 0.3468



23.6079, 0.4653, 0.4687



1.3261, 0.4546, 0.4772

Inverse Universe

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



38.1118, 0.2702, 0.2731



54.9346, 0.2598, 0.2586



35.4560, 0.2806, 0.2586



11.2479, 0.2983, 0.3105



4.0926, 0.1570, 0.0853



0.3290, 0.1676, 0.1231

Previews

White Background



This preview shows how the Yxy color 54.0053, 0.3546, 0.3793 looks on a white background.

Color Contrast Check

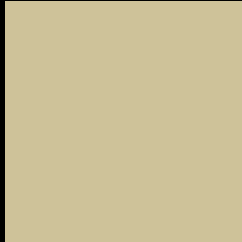
Large Text (above 18pt) WCAG AA × Fail

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 54.0053, 0.3546, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

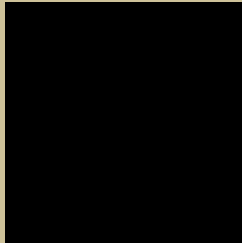
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

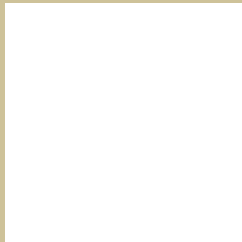
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0053, 0.3546, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 54.0053, 0.3546, 0.3793.

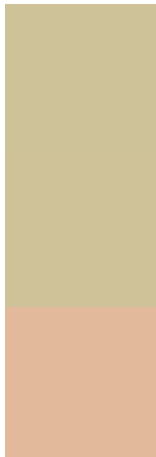


This preview shows how white text looks on a background with the Yxy color 54.0053, 0.3546, 0.3793.

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

54.0053, 0.3546, 0.3793

Protanopia

54.1489, 0.3555, 0.3791

Deuteranopia

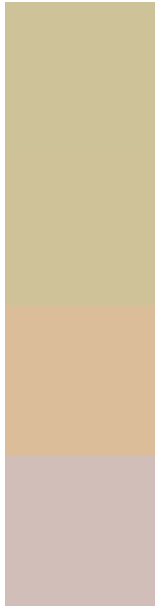
53.6531, 0.3731, 0.3651



Tritanopia

53.8020, 0.3218, 0.3115

Trichromacy



Original Color

54.0053, 0.3546, 0.3793

Protanomaly

54.1489, 0.3555, 0.3791

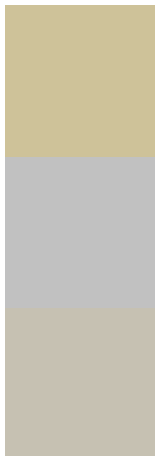
Deuteranomaly

53.7884, 0.3667, 0.3705

Tritanomaly

53.9892, 0.3341, 0.3362

Monochromacy



Original Color

54.0053, 0.3546, 0.3793

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3600, 0.3283, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0053, 0.3546, 0.3793 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, 194, 153)` looks like.

```
.text, #text, p{  
    color:rgb(206, 194, 153)  
}
```

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, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 153) }
```

Border

The CSS property to change the border of an element to Yxy 54.0053, 0.3546, 0.3793 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, 194, 153) }
```

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

```
.border{ border-color:rgb(206, 194, 153) }
```

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

Here you see how a box with a 4 pixel rgb(206, 194, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0053, 0.3546, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 153) }
```

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

```
.background{ background-color: rgb(206,  
194, 153) }
```

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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