

Converting Colors

Yxy(54.7647, 0.3440, 0.3641)

Have a look what the booklet for
Yxy(54.7647, 0.3440, 0.3641)
contains.

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Color

Yxy(54.9052, 0.3441, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3A6
RGB	206, 195, 166
RGB Percent	81%, 76%, 65%
CMY	0.1920, 0.2353, 0.3490
CMYK	0.00, 0.05, 0.19, 0.19
HSL	43°, 29%, 73%
HSV	43°, 19%, 81%
XYZ	51.8608, 54.9052, 43.9483
YIQ	194.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

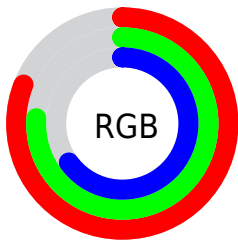
Format	Color
RYB	181, 206, 166
Decimal	13550502
CIELab	78.99, -0.85, 15.96
CIELCh	79, 15.987, 93.054
Yxy	54.9052, 0.3441, 0.3643
Android (android.graphics.Color)	4291740582 (0xFFCEC3A6)
YUV	194.9830, -14.2886, 9.6619
Hunter-Lab	74.0980, -4.7405, 16.7032

Details

The Yxy color **54.9052, 0.3441, 0.3643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0369, 0.2816, 0.2910**, and the grayscale version is **54.6468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4748, 0.3333, 0.3584**, and **26.8440, 0.3520, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **51.7106, 0.3622, 0.3832**, and if you desaturate by 10%, it is **58.3229, 0.3273, 0.3458**.

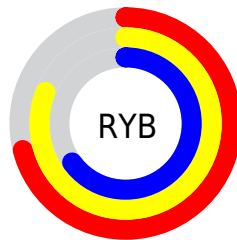
Distribution



Red (81%)

Green (76%)

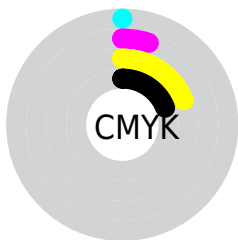
Blue (65%)



Red (71%)

Yellow (81%)

Blue (65%)

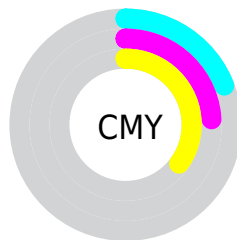


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (24%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9052, 0.3441, 0.3643 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 54.9052, 0.3441, 0.3643 by changing the saturation by 10% instead.


 54.9052, 0.3441,
0.3643


 54.9052, 0.3441,
0.3643


405.5525, 0.3289,
0.3471

 39.3258, 0.3478,
0.3684


 97.4020, 0.3387,
0.3582

 27.0133, 0.3524,
0.3737


 125.0883, 0.3366,
0.3558

 17.5832, 0.3583,
0.3805


157.5790, 0.3348,
0.3538

 10.6512, 0.3664,
0.3896

195.2585, 0.3333,
0.3521

 5.8328, 0.3777,
0.4027

238.5112, 0.3320,
0.3506

 2.7437, 0.3947,
0.4224

287.7215, 0.3308,

 0.9994, 0.4814,

0.3493

0.5186

343.2738, 0.3298,
0.3482

0.0000, 0.0000,
0.0000

54.9052, 0.3441,
0.3643

54.9052, 0.3441,
0.3643

51.7106, 0.3622,
0.3832

58.3229, 0.3273,
0.3458

48.7251, 0.3812,
0.4019

61.9628, 0.3119,
0.3280

45.9436, 0.4006,
0.4195

65.8334, 0.2979,
0.3113

43.3583, 0.4198,
0.4350

69.9406, 0.2853,
0.2957

40.9605, 0.4380,
0.4474

73.3525, 0.2818,
0.2952

■ 38.7404, 0.4541,
0.4557

■ 76.4507, 0.2822,
0.3015

■ 36.6867, 0.4675,
0.4591

■ 79.6522, 0.2826,
0.3076

■ 34.7806, 0.4781,
0.4582

■ 82.9577, 0.2829,
0.3137

■ 34.6742, 0.4787,
0.4581

■ 86.3682, 0.2833,
0.3197

Harmonies

Analogous

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



54.9052, 0.3539, 0.3533



54.9052, 0.3441, 0.3643



54.9052, 0.3259, 0.3658

Triad

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



54.9052, 0.3441, 0.3643



54.9052, 0.2746, 0.3192



54.9052, 0.3198, 0.3037

Complementary

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



54.9052, 0.3441, 0.3643



44.0369, 0.2816, 0.2910

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.



54.9052, 0.2986, 0.2949



54.9052, 0.3441, 0.3643



54.9052, 0.2730, 0.3031

Square

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



54.9052, 0.3441, 0.3643



54.9052, 0.2860, 0.3390



54.9052, 0.2817, 0.2945



54.9052, 0.3397, 0.3187

Rectangle

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



54.9052, 0.3441, 0.3643



54.9052, 0.3117, 0.3607



54.9052, 0.2817, 0.2945



54.9052, 0.3126, 0.2999

Sweetspot

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



54.9077, 0.3441, 0.3643



96.3883, 0.3220, 0.3397



43.5947, 0.3402, 0.3150



20.5487, 0.3230, 0.3409



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.



54.9077, 0.3441, 0.3643



86.8834, 0.3509, 0.3716



58.8354, 0.3347, 0.3781



12.5526, 0.3272, 0.3457



21.5120, 0.4777, 0.4589



1.2328, 0.4638, 0.4700

Inverse Universe

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



44.0369, 0.2816, 0.2910



66.3601, 0.2749, 0.2824



40.8148, 0.2879, 0.2771



11.3397, 0.2983, 0.3117



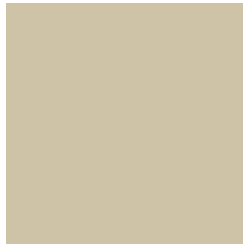
4.6788, 0.1599, 0.0956



0.3709, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 54.9052, 0.3441, 0.3643 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 54.9052, 0.3441, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

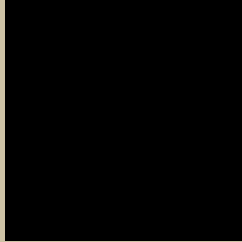
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

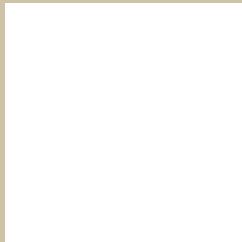
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9052, 0.3441, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 54.9052, 0.3441, 0.3643.

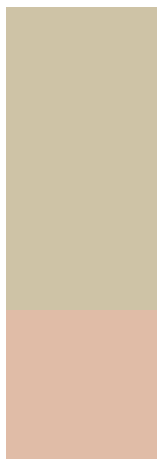


This preview shows how white text looks on a background with the Yxy color 54.9052, 0.3441, 0.3643.

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

54.9052, 0.3441, 0.3643

Protanopia

54.9052, 0.3441, 0.3643

Deuteranopia

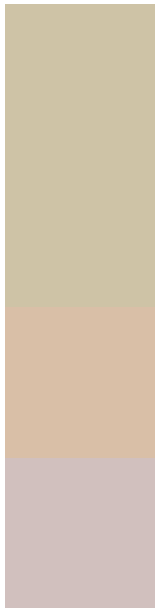
54.6038, 0.3606, 0.3535



Tritanopia

55.0354, 0.3192, 0.3127

Trichromacy



Original Color

54.9052, 0.3441, 0.3643

Protanomaly

54.9052, 0.3441, 0.3643

Deuteranomaly

54.8033, 0.3537, 0.3575

Tritanomaly

54.9723, 0.3282, 0.3314

Monochromacy



Original Color

54.9052, 0.3441, 0.3643

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6330, 0.3242, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9052, 0.3441, 0.3643 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, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 166)  
}
```

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, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 166) }
```

Border

The CSS property to change the border of an element to Yxy 54.9052, 0.3441, 0.3643 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, 195, 166) }
```

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

```
.border{ border-color:rgb(206, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9052, 0.3441, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 166) }
```

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

```
.background{ background-color: rgb(206,  
195, 166) }
```

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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