

Converting Colors

Yxy(53.8049, 0.3902, 0.3827)

Have a look what the booklet for
Yxy(53.8049, 0.3902, 0.3827)
contains.

Yxy(53.8049, 0.3902, 0.3827)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.8049, 0.3902, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	E6BA8B
RGB	230, 186, 139
RGB Percent	90%, 73%, 55%
CMY	0.0979, 0.2706, 0.4548
CMYK	0.00, 0.19, 0.40, 0.10
HSL	31°, 65%, 72%
HSV	31°, 40%, 90%
XYZ	54.8593, 53.8049, 31.9286
YIQ	193.7980, 41.3110, -5.2890

Conversions

Conversions Part 2

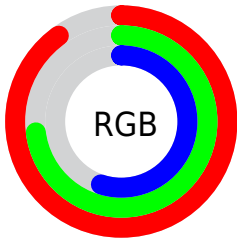
Format	Color
R_{YB}	224, 230, 139
Decimal	15121035
CIE _{Lab}	78.35, 9.63, 29.80
CIE _{LCh}	78, 31.313, 72.090
Yxy	53.8049, 0.3902, 0.3827
Android (android.graphics.Color)	4293311115 (0xFFE6BA8B)
YUV	193.7980, -27.0154, 31.7492
Hunter-Lab	73.3518, 5.1333, 25.5385

Details

The Yxy color **53.8049, 0.3902, 0.3827** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0946, 0.2488, 0.2679**, and the grayscale version is **53.9709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6145, 0.3524, 0.3780**, and **26.3639, 0.4110, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **48.6960, 0.4153, 0.3958**, and if you desaturate by 10%, it is **59.4256, 0.3671, 0.3688**.

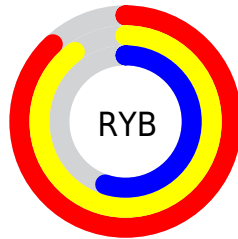
Distribution



Red (90%)

Green (73%)

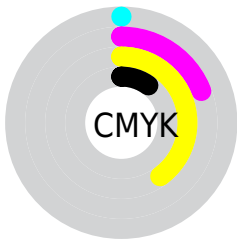
Blue (55%)



Red (88%)

Yellow (90%)

Blue (55%)

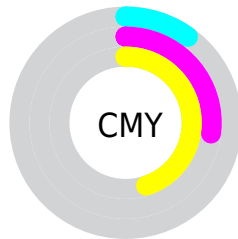


Cyan (0%)

Magenta (19%)

Yellow (40%)

Black (10%)



Cyan (10%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8049, 0.3902, 0.3827 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 53.8049, 0.3902, 0.3827 by changing the saturation by 10% instead.

 53.8049, 0.3902,
0.3827


 53.8049, 0.3902,
0.3827

401.3656, 0.3525,
0.3577

 38.4457, 0.3992,
0.3883


 95.7877, 0.3768,
0.3741

 26.3288, 0.4104,
0.3951


 123.1801, 0.3717,
0.3707

 17.0698, 0.4247,
0.4034


 155.3524, 0.3673,
0.3678

 10.2843, 0.4436,
0.4136

192.6890, 0.3635,
0.3652

 5.5878, 0.4689,
0.4257

235.5742, 0.3602,
0.3630

 2.5961, 0.5225,
0.4550

284.3924, 0.3573,

 0.9247, 0.5529,

0.3610

0.4471

339.5281, 0.3548,
0.3593

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8049, 0.3902,
0.3827

53.8049, 0.3902,
0.3827

48.6960, 0.4153,
0.3958

59.4256, 0.3671,
0.3688

44.0742, 0.4419,
0.4071

65.5666, 0.3465,
0.3548

39.9233, 0.4689,
0.4153

72.2459, 0.3281,
0.3413

36.2231, 0.4948,
0.4192

79.4779, 0.3121,
0.3285

■ 32.9509, 0.5178,
0.4178

■ 87.2766, 0.2980,
0.3165

■ 30.0748, 0.5371,
0.4114

■ 94.1535, 0.2976,
0.3267

■ 29.9564, 0.5380,
0.4110

■ 95.5670, 0.2976,
0.3290

Harmonies

Analogous

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



53.8049, 0.3951, 0.3518



53.8049, 0.3902, 0.3827



53.8049, 0.3639, 0.4020

Triad

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



53.8049, 0.3902, 0.3827



53.8049, 0.2524, 0.3359



53.8049, 0.2963, 0.2681

Complementary

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



53.8049, 0.3902, 0.3827



45.0946, 0.2488, 0.2679

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.



53.8049, 0.2608, 0.2615



53.8049, 0.3902, 0.3827



53.8049, 0.2368, 0.2973

Square

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



53.8049, 0.3902, 0.3827



53.8049, 0.2841, 0.3755



53.8049, 0.2398, 0.2712



53.8049, 0.3387, 0.2883

Rectangle

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



53.8049, 0.3902, 0.3827



53.8049, 0.3386, 0.4037



53.8049, 0.2398, 0.2712



53.8049, 0.2832, 0.2642

Sweetspot

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



53.8074, 0.3902, 0.3827



89.0983, 0.3325, 0.3446



38.7819, 0.3618, 0.2774



18.8299, 0.3349, 0.3464



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.



53.8074, 0.3902, 0.3827



62.9514, 0.4094, 0.3929



75.2989, 0.3719, 0.4268



15.5923, 0.3280, 0.3411



17.2019, 0.5356, 0.4129



1.4570, 0.5141, 0.4300

Inverse Universe

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



45.0946, 0.2488, 0.2679



50.5844, 0.2363, 0.2534



29.6778, 0.2395, 0.2080



15.0323, 0.2981, 0.3166



9.9485, 0.1758, 0.1528



0.9205, 0.1833, 0.1798

Previews

White Background



This preview shows how the Yxy color 53.8049, 0.3902, 0.3827 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 53.8049, 0.3902, 0.3827 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 53.8049, 0.3902, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 53.8049, 0.3902, 0.3827.



This preview shows how white text looks on a background with the Yxy color 53.8049, 0.3902, 0.3827.

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

53.8049, 0.3902, 0.3827

Protanopia

53.9465, 0.3650, 0.3924

Deuteranopia

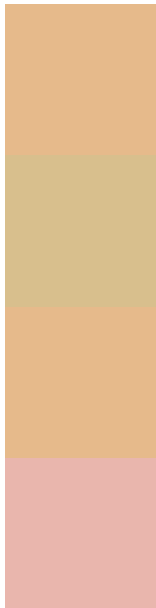
53.8049, 0.3902, 0.3827



Tritanopia

53.7526, 0.3500, 0.3136

Trichromacy



Original Color

53.8049, 0.3902, 0.3827

Protanomaly

53.7836, 0.3740, 0.3886

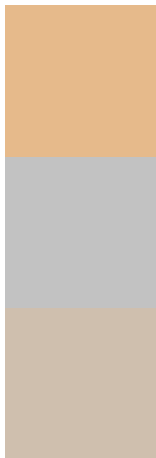
Deuteranomaly

53.8049, 0.3902, 0.3827

Tritanomaly

53.7967, 0.3650, 0.3393

Monochromacy



Original Color

53.8049, 0.3902, 0.3827

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5830, 0.3394, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8049, 0.3902, 0.3827 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(230, 186, 139)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 139)  
}
```

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(230, 186, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 139) }
```

Border

The CSS property to change the border of an element to Yxy 53.8049, 0.3902, 0.3827 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(230, 186, 139) }
```

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

```
.border{ border-color:rgb(230, 186, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 186, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 139);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8049, 0.3902, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 139) }
```

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

```
.background{ background-color: rgb(230,  
186, 139) }
```

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