

Converting Colors

$Yxy(53.8477, 0.3855, 0.3777)$

Have a look what the booklet for
Yxy(53.8477, 0.3855, 0.3777)
contains.

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Color

Yxy(53.7894, 0.3851, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	E5BA90
RGB	229, 186, 144
RGB Percent	90%, 73%, 56%
CMY	0.1020, 0.2705, 0.4353
CMYK	0.00, 0.19, 0.37, 0.10
HSL	30°, 62%, 73%
HSV	30°, 37%, 90%
XYZ	54.9014, 53.7894, 33.8732
YIQ	194.0690, 39.1100, -3.9460

Conversions

Conversions Part 2

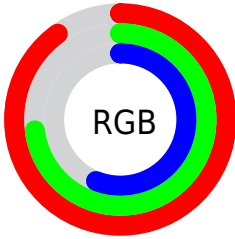
Format	Color
R _Y B	229, 227, 144
Decimal	15055504
CIE Lab	78.34, 9.77, 27.14
CIE LCh	78, 28.842, 70.190
Yxy	53.7894, 0.3851, 0.3773
Android (android.graphics.Color)	4293245584 (0xFFE5BA90)
YUV	194.0690, -24.6840, 30.6345
Hunter-Lab	73.3413, 5.2734, 23.9554

Details

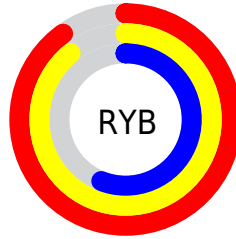
The Yxy color **53.7894, 0.3851, 0.3773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1118, 0.2532, 0.2748**, and the grayscale version is **54.1237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8415, 0.3492, 0.3729**, and **26.3360, 0.4043, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **48.4786, 0.4103, 0.3902**, and if you desaturate by 10%, it is **59.6425, 0.3622, 0.3639**.

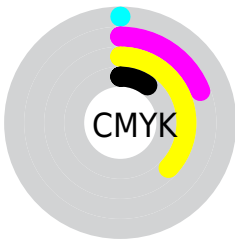
Distribution



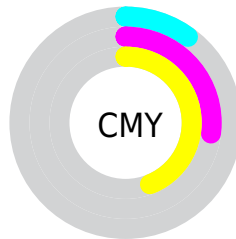
- Red (90%)
- Green (73%)
- Blue (56%)



- Red (90%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7894, 0.3851, 0.3773 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 53.7894, 0.3851, 0.3773 by changing the saturation by 10% instead.


 53.7894, 0.3851,
0.3773


 53.7894, 0.3851,
0.3773


401.3064, 0.3498,
0.3547

 38.4333, 0.3936,
0.3824


 95.7650, 0.3725,
0.3695

 26.3192, 0.4042,
0.3886


 123.1532, 0.3677,
0.3664

 17.0626, 0.4178,
0.3962


155.3210, 0.3636,
0.3638

 10.2791, 0.4359,
0.4057

192.6527, 0.3601,
0.3615

 5.5844, 0.4607,
0.4173

235.5327, 0.3570,
0.3595

 2.5941, 0.5067,
0.4401

284.3454, 0.3543,

 0.9237, 0.5539,

0.3577

0.4461

339.4751, 0.3519,
0.3561

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7894, 0.3851,
0.3773

53.7894, 0.3851,
0.3773

48.4786, 0.4103,
0.3902

59.6425, 0.3622,
0.3639

43.6847, 0.4374,
0.4015

66.0472, 0.3419,
0.3505

39.3908, 0.4654,
0.4101

73.0222, 0.3240,
0.3377

35.5761, 0.4928,
0.4147

80.5828, 0.3084,
0.3256

■ 32.2173, 0.5178,
0.4142

■ 88.5166, 0.2968,
0.3178

■ 29.2870, 0.5387,
0.4082

■ 95.3949, 0.2970,
0.3290

■ 28.5112, 0.5444,
0.4059

Harmonies

Analogous

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



53.7894, 0.3880, 0.3485



53.7894, 0.3851, 0.3773



53.7894, 0.3621, 0.3956

Triad

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



53.7894, 0.3851, 0.3773



53.7894, 0.2585, 0.3379



53.7894, 0.2953, 0.2717

Complementary

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



53.7894, 0.3851, 0.3773



47.1118, 0.2532, 0.2748

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.



53.7894, 0.2631, 0.2666



53.7894, 0.3851, 0.3773



53.7894, 0.2429, 0.3020

Square

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



53.7894, 0.3851, 0.3773



53.7894, 0.2886, 0.3736



53.7894, 0.2445, 0.2768



53.7894, 0.3343, 0.2898

Rectangle

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



53.7894, 0.3851, 0.3773



53.7894, 0.3391, 0.3979



53.7894, 0.2445, 0.2768



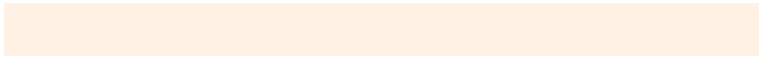
53.7894, 0.2834, 0.2684

Sweetspot

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



53.7919, 0.3851, 0.3773



89.6060, 0.3308, 0.3427



40.2279, 0.3562, 0.2791



18.9187, 0.3332, 0.3444



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.



53.7919, 0.3851, 0.3773



63.0848, 0.4055, 0.3879



73.9162, 0.3689, 0.4197



15.5389, 0.3280, 0.3406



16.5446, 0.5420, 0.4079



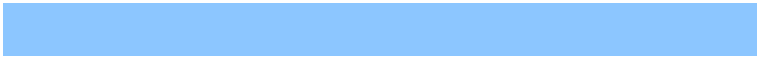
1.4083, 0.5193, 0.4258

Inverse Universe

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



47.1118, 0.2532, 0.2748



53.3283, 0.2401, 0.2604



31.9632, 0.2451, 0.2186



15.0856, 0.2981, 0.3171



10.5893, 0.1778, 0.1601



0.9684, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 53.7894, 0.3851, 0.3773 looks on a white background.

Color Contrast Check

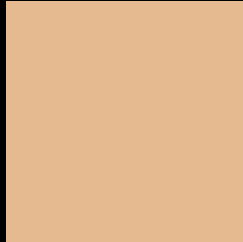
Large Text (above 18pt) WCAG AA × Fail

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 53.7894, 0.3851, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

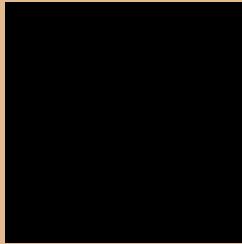
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7894, 0.3851, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 53.7894, 0.3851, 0.3773.



This preview shows how white text looks on a background with the Yxy color 53.7894, 0.3851, 0.3773.

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

53.7894, 0.3851, 0.3773

Protanopia

53.9556, 0.3602, 0.3865

Deuteranopia

53.7894, 0.3851, 0.3773



Tritanopia

53.5829, 0.3492, 0.3135

Trichromacy



Original Color

53.7894, 0.3851, 0.3773

Protanomaly

53.7840, 0.3691, 0.3829

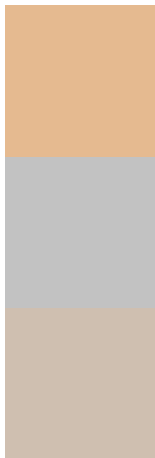
Deuteranomaly

53.7894, 0.3851, 0.3773

Tritanomaly

53.7068, 0.3624, 0.3371

Monochromacy



Original Color

53.7894, 0.3851, 0.3773

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6616, 0.3378, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7894, 0.3851, 0.3773 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(229, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 186, 144)  
}
```

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(229, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 186, 144) }
```

Border

The CSS property to change the border of an element to Yxy 53.7894, 0.3851, 0.3773 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(229, 186, 144) }
```

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

```
.border{ border-color:rgb(229, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 186,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7894, 0.3851, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 186, 144) }
```

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

```
.background{ background-color: rgb(229,  
186, 144) }
```

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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