

Converting Colors

$Yxy(51.6873, 0.3949, 0.3674)$

Have a look what the booklet for
Yxy(51.6873, 0.3949, 0.3674)
contains.

| | |
|---|----|
| Yxy(51.6873, 0.3949, 0.3674) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(51.6873, 0.3949, 0.3674)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECB290 |
| RGB | 236, 178, 144 |
| RGB Percent | 93%, 70%, 56% |
| CMY | 0.0744, 0.3020, 0.4352 |
| CMYK | 0.00, 0.25, 0.39, 0.07 |
| HSL | 22°, 71%, 75% |
| HSV | 22°, 39%, 93% |
| XYZ | 55.5561, 51.6873, 33.4406 |
| YIQ | 191.4660, 45.4820, 1.7220 |

Conversions

Conversions Part 2

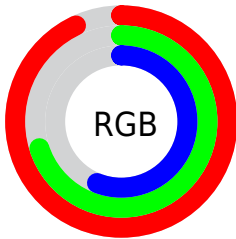
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 198, 144 |
| Decimal | 15512208 |
| CIE Lab | 77.09, 16.79, 25.57 |
| CIE LCh | 77, 30.588, 56.706 |
| Yxy | 51.6873, 0.3949, 0.3674 |
| Android (android.graphics.Color) | 4293702288 (0xFFECB290) |
| YUV | 191.4660, -23.4007, 39.0563 |
| Hunter-Lab | 71.8939, 12.1219, 22.7477 |

Details

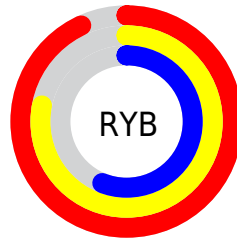
The Yxy color **51.6873, 0.3949, 0.3674** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2595, 0.2523, 0.2865**, and the grayscale version is **52.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1829, 0.3509, 0.3653**, and **24.9225, 0.4173, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **45.4351, 0.4242, 0.3769**, and if you desaturate by 10%, it is **58.7384, 0.3691, 0.3572**.

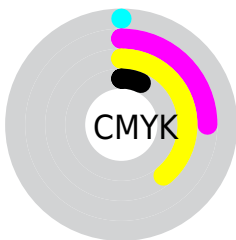
Distribution



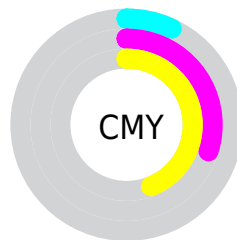
- Red (93%)
- Green (70%)
- Blue (56%)



- Red (93%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (7%)




- Cyan (7%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6873, 0.3949, 0.3674 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 51.6873, 0.3949, 0.3674 by changing the saturation by 10% instead.


 51.6873, 0.3949,
0.3674


 51.6873, 0.3949,
0.3674


393.2282, 0.3543,
0.3499

 36.7559, 0.4048,
0.3712


 92.6699, 0.3803,
0.3615

 25.0185, 0.4172,
0.3756


 119.4899, 0.3748,
0.3591

 16.0909, 0.4334,
0.3810


151.0415, 0.3701,
0.3571

 9.5885, 0.4551,
0.3871

187.7092, 0.3661,
0.3553

 5.1270, 0.4852,
0.3938

229.8773, 0.3625,
0.3537

 2.3220, 0.5429,
0.4090

277.9303, 0.3595,

 0.7853, 0.6039,

0.3523

0.3961

332.2524, 0.3567,
0.3511

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6873, 0.3949,
0.3674

51.6873, 0.3949,
0.3674

45.4351, 0.4242,
0.3769

58.7384, 0.3691,
0.3572

39.9446, 0.4564,
0.3848

66.6092, 0.3467,
0.3471

35.1861, 0.4904,
0.3900

75.3289, 0.3275,
0.3373

31.1248, 0.5238,
0.3910

84.9228, 0.3112,
0.3281

■ 27.7224, 0.5540,
0.3869

■ 94.9538, 0.3012,
0.3264

■ 24.9315, 0.5785,
0.3780

■ 96.5788, 0.3012,
0.3290

■ 24.6783, 0.5809,
0.3770

Harmonies

Analogous

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



51.6873, 0.3873, 0.3344



51.6873, 0.3949, 0.3674



51.6873, 0.3790, 0.3935

Triad

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



51.6873, 0.3949, 0.3674



51.6873, 0.2674, 0.3568



51.6873, 0.2770, 0.2634

Complementary

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



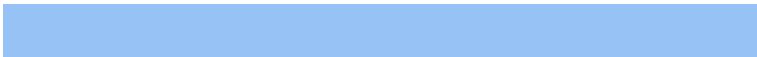
51.6873, 0.3949, 0.3674



54.2595, 0.2523, 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.



51.6873, 0.2485, 0.2650



51.6873, 0.3949, 0.3674



51.6873, 0.2432, 0.3162

Square

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



51.6873, 0.3949, 0.3674



51.6873, 0.3045, 0.3904



51.6873, 0.2367, 0.2831



51.6873, 0.3168, 0.2769

Rectangle

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



51.6873, 0.3949, 0.3674



51.6873, 0.3580, 0.4026



51.6873, 0.2367, 0.2831



51.6873, 0.2659, 0.2621

Sweetspot

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



51.6898, 0.3949, 0.3674



86.4803, 0.3331, 0.3402



42.0690, 0.3485, 0.2652



18.2149, 0.3355, 0.3415



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.



51.6898, 0.3949, 0.3674



55.4134, 0.4187, 0.3753



73.0385, 0.3757, 0.4144



15.9648, 0.3284, 0.3378



13.8254, 0.5779, 0.3793



1.2641, 0.5518, 0.4001

Inverse Universe

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



54.2595, 0.2523, 0.2865



58.8488, 0.2404, 0.2758



35.8623, 0.2431, 0.2259



16.1327, 0.2981, 0.3201



15.4197, 0.1899, 0.2035



1.3936, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 51.6873, 0.3949, 0.3674 looks on a white background.

Color Contrast Check

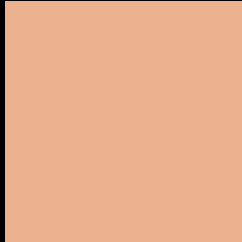
Large Text (above 18pt) WCAG AA × Fail

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 51.6873, 0.3949, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

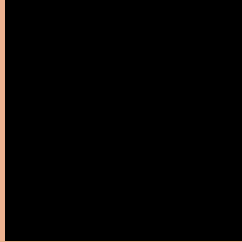
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6873, 0.3949, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 51.6873, 0.3949, 0.3674.



This preview shows how white text looks on a background with the Yxy color 51.6873, 0.3949, 0.3674.

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

51.6873, 0.3949, 0.3674

Protanopia

51.7254, 0.3555, 0.3788

Deuteranopia

51.8577, 0.3836, 0.3758



Tritanopia

51.5331, 0.3632, 0.3148

Trichromacy



Original Color

51.6873, 0.3949, 0.3674

Protanomaly

51.7030, 0.3692, 0.3748

Deuteranomaly

51.6889, 0.3881, 0.3729

Tritanomaly

51.5251, 0.3755, 0.3336

Monochromacy



Original Color

51.6873, 0.3949, 0.3674

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4392, 0.3403, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6873, 0.3949, 0.3674 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(236, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(236, 178, 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(236, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 178, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.6873, 0.3949, 0.3674 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(236, 178, 144) }
```

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

```
.border{ border-color:rgb(236, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(236, 178,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6873, 0.3949, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 178, 144) }
```

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

```
.background{ background-color: rgb(236,  
178, 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](#).

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