

Converting Colors

$Yxy(49.4654, 0.3853, 0.3678)$

Have a look what the booklet for
Yxy(49.4654, 0.3853, 0.3678)
contains.

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Color

Yxy(49.4654, 0.3853, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	E1B190
RGB	225, 177, 144
RGB Percent	88%, 69%, 56%
CMY	0.1175, 0.3059, 0.4353
CMYK	0.00, 0.21, 0.36, 0.12
HSL	24°, 57%, 72%
HSV	24°, 36%, 88%
XYZ	51.8190, 49.4654, 33.2056
YIQ	187.5900, 39.2010, -0.0870

Conversions

Conversions Part 2

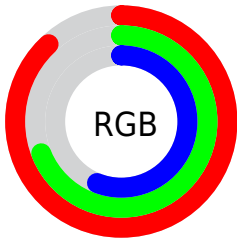
Format	Color
R _Y B	225, 200, 144
Decimal	14791056
CIE Lab	75.74, 13.03, 23.55
CIE LCh	76, 26.917, 61.040
Yxy	49.4654, 0.3853, 0.3678
Android (android.graphics.Color)	4292981136 (0xFFE1B190)
YUV	187.5900, -21.4899, 32.8086
Hunter-Lab	70.3316, 8.4349, 21.2397

Details

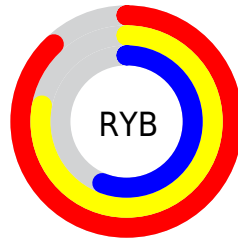
The Yxy color **49.4654, 0.3853, 0.3678** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0998, 0.2564, 0.2863**, and the grayscale version is **50.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6150, 0.3511, 0.3643**, and **23.5304, 0.4058, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **43.8298, 0.4125, 0.3785**, and if you desaturate by 10%, it is **55.7585, 0.3613, 0.3566**.

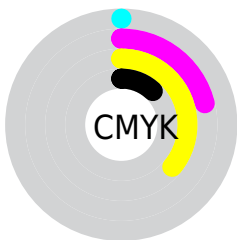
Distribution



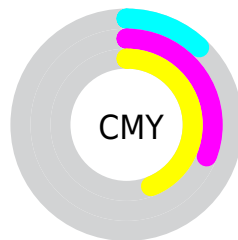
- Red (88%)
- Green (69%)
- Blue (56%)



- Red (88%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4654, 0.3853, 0.3678 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 49.4654, 0.3853, 0.3678 by changing the saturation by 10% instead.


 49.4654, 0.3853,
0.3678

 49.4654, 0.3853,
0.3678


384.5716, 0.3492,
0.3496

 34.9888, 0.3942,
0.3719


 89.3823, 0.3723,
0.3615

 23.6543, 0.4054,
0.3769


 115.5914, 0.3674,
0.3591

 15.0773, 0.4201,
0.3830


146.4801, 0.3632,
0.3570

 8.8737, 0.4401,
0.3905

182.4328, 0.3596,
0.3551

 4.6589, 0.4682,
0.3994

223.8339, 0.3565,
0.3535

 2.0485, 0.5267,
0.4217

271.0678, 0.3537,

 0.6354, 0.5927,

0.3521

0.4073

324.5189, 0.3513,
0.3508

0.0000, 0.0000,
0.0000

49.4654, 0.3853,
0.3678

49.4654, 0.3853,
0.3678

43.8298, 0.4125,
0.3785

55.7585, 0.3613,
0.3566

38.8219, 0.4425,
0.3880

62.7239, 0.3403,
0.3456

34.4194, 0.4743,
0.3950

70.3843, 0.3223,
0.3350

30.5960, 0.5062,
0.3982

78.7595, 0.3068,
0.3251

27.3226, 0.5359,
0.3965

87.7689, 0.2944,
0.3175

■ 24.5663, 0.5609,
0.3894

■ 94.7552, 0.2947,
0.3289

■ 23.5962, 0.5698,
0.3857

Harmonies

Analogous

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



49.4654, 0.3815, 0.3386



49.4654, 0.3853, 0.3678



49.4654, 0.3686, 0.3892

Triad

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



49.4654, 0.3853, 0.3678



49.4654, 0.2682, 0.3486



49.4654, 0.2855, 0.2709

Complementary

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



49.4654, 0.3853, 0.3678



49.0998, 0.2564, 0.2863

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.



49.4654, 0.2579, 0.2704



49.4654, 0.3853, 0.3678



49.4654, 0.2484, 0.3130

Square

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



49.4654, 0.3853, 0.3678



49.4654, 0.3004, 0.3800



49.4654, 0.2448, 0.2848



49.4654, 0.3220, 0.2848

Rectangle

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



49.4654, 0.3853, 0.3678



49.4654, 0.3487, 0.3952



49.4654, 0.2448, 0.2848



49.4654, 0.2750, 0.2691

Sweetspot

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



49.4677, 0.3853, 0.3678



88.1646, 0.3311, 0.3403



39.7986, 0.3475, 0.2732



18.5758, 0.3336, 0.3418



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.



49.4677, 0.3853, 0.3678



60.1285, 0.4048, 0.3757



67.6258, 0.3696, 0.4105



14.6117, 0.3282, 0.3386



13.8071, 0.5671, 0.3879



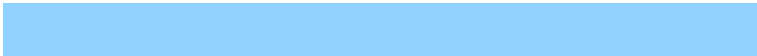
1.1297, 0.5392, 0.4101

Inverse Universe

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



49.0998, 0.2564, 0.2863



59.5533, 0.2453, 0.2760



33.8624, 0.2488, 0.2318



14.5880, 0.2981, 0.3192



13.1043, 0.1862, 0.1904



1.0829, 0.1928, 0.2140

Previews

White Background



This preview shows how the Yxy color 49.4654, 0.3853, 0.3678 looks on a white background.

Color Contrast Check

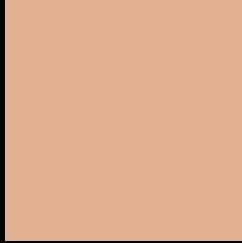
Large Text (above 18pt) WCAG AA × Fail

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 49.4654, 0.3853, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

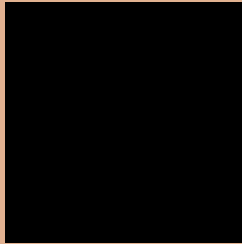
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4654, 0.3853, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 49.4654, 0.3853, 0.3678.



This preview shows how white text looks on a background with the Yxy color 49.4654, 0.3853, 0.3678.

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

49.4654, 0.3853, 0.3678

Protanopia

49.8209, 0.3545, 0.3784

Deuteranopia

49.3139, 0.3789, 0.3710



Tritanopia

49.2866, 0.3535, 0.3131

Trichromacy



Original Color

49.4654, 0.3853, 0.3678

Protanomaly

49.3835, 0.3647, 0.3736

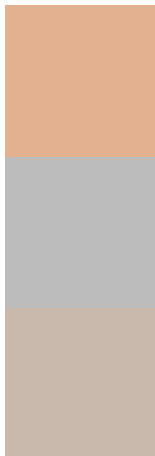
Deuteranomaly

49.2266, 0.3811, 0.3695

Tritanomaly

49.2834, 0.3658, 0.3326

Monochromacy



Original Color

49.4654, 0.3853, 0.3678

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6770, 0.3371, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4654, 0.3853, 0.3678 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(225, 177, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 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(225, 177, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 144) }
```

Border

The CSS property to change the border of an element to Yxy 49.4654, 0.3853, 0.3678 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(225, 177, 144) }
```

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

```
.border{ border-color:rgb(225, 177, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4654, 0.3853, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 144) }
```

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

```
.background{ background-color: rgb(225,  
177, 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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