

Converting Colors

Yxy(51.3342, 0.3836, 0.3702)

Have a look what the booklet for
Yxy(51.3342, 0.3836, 0.3702)
contains.

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Color

Yxy(51.4540, 0.3837, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	E3B592
RGB	227, 181, 146
RGB Percent	89%, 71%, 57%
CMY	0.1098, 0.2902, 0.4276
CMYK	0.00, 0.20, 0.36, 0.11
HSL	26°, 59%, 73%
HSV	26°, 36%, 89%
XYZ	53.3880, 51.4540, 34.2980
YIQ	190.7640, 38.6510, -1.1330

Conversions

Conversions Part 2

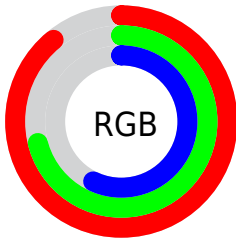
Format	Color
R _Y B	227, 208, 146
Decimal	14923154
CIE Lab	76.95, 11.89, 24.18
CIE LCh	77, 26.945, 63.827
Yxy	51.4540, 0.3837, 0.3698
Android (android.graphics.Color)	4293113234 (0xFFE3B592)
YUV	190.7640, -22.0687, 31.7790
Hunter-Lab	71.7314, 7.3234, 21.8628

Details

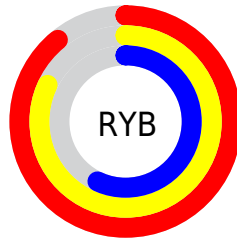
The Yxy color **51.4540, 0.3837, 0.3698** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3337, 0.2564, 0.2840**, and the grayscale version is **52.0699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9985, 0.3489, 0.3662**, and **24.8106, 0.4031, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **45.8192, 0.4102, 0.3812**, and if you desaturate by 10%, it is **57.7184, 0.3602, 0.3580**.

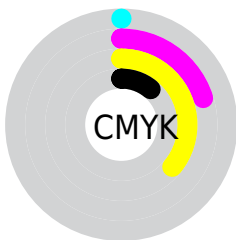
Distribution



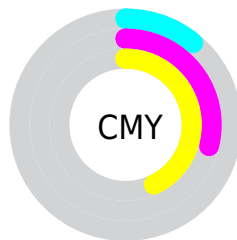
- Red (89%)
- Green (71%)
- Blue (57%)



- Red (89%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4540, 0.3837, 0.3698 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 51.4540, 0.3837, 0.3698 by changing the saturation by 10% instead.


 51.4540, 0.3837,
0.3698


 51.4540, 0.3837,
0.3698


392.3251, 0.3487,
0.3507

 36.5700, 0.3922,
0.3741


 92.3255, 0.3711,
0.3632

 24.8748, 0.4030,
0.3793


 119.0819, 0.3663,
0.3606

 15.9838, 0.4170,
0.3858


150.5645, 0.3623,
0.3584

 9.5127, 0.4359,
0.3938

187.1577, 0.3588,
0.3565

 5.0771, 0.4623,
0.4035

229.2460, 0.3558,
0.3548

 2.2926, 0.5118,
0.4231

277.2137, 0.3531,

 0.7698, 0.5735,

0.3533

0.4265

331.4453, 0.3508,
0.3519

0.0000, 0.0000,
0.0000

51.4540, 0.3837,
0.3698

51.4540, 0.3837,
0.3698

45.8192, 0.4102,
0.3812

57.7184, 0.3602,
0.3580

40.7854, 0.4392,
0.3914

64.6253, 0.3396,
0.3463

36.3320, 0.4698,
0.3990

72.1964, 0.3218,
0.3351

32.4344, 0.5005,
0.4030

80.4501, 0.3064,
0.3246

29.0655, 0.5290,
0.4019

89.1128, 0.2956,
0.3193

■ 26.1944, 0.5532,
0.3954

■ 95.0705, 0.2958,
0.3290

■ 25.0971, 0.5626,
0.3915

Harmonies

Analogous

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



51.4540, 0.3819, 0.3413



51.4540, 0.3837, 0.3698



51.4540, 0.3655, 0.3898

Triad

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



51.4540, 0.3837, 0.3698



51.4540, 0.2663, 0.3451



51.4540, 0.2889, 0.2723

Complementary

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



51.4540, 0.3837, 0.3698



49.3337, 0.2564, 0.2840

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.



51.4540, 0.2606, 0.2705



51.4540, 0.3837, 0.3698



51.4540, 0.2481, 0.3102

Square

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



51.4540, 0.3837, 0.3698



51.4540, 0.2973, 0.3770



51.4540, 0.2461, 0.2834



51.4540, 0.3254, 0.2871

Rectangle

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



51.4540, 0.3837, 0.3698



51.4540, 0.3452, 0.3945



51.4540, 0.2461, 0.2834



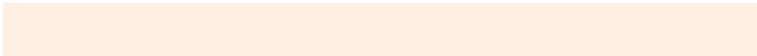
51.4540, 0.2782, 0.2701

Sweetspot

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



51.4564, 0.3837, 0.3698



88.5834, 0.3310, 0.3410



40.7390, 0.3485, 0.2751



18.6753, 0.3335, 0.3425



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.



51.4564, 0.3837, 0.3698



61.3530, 0.4035, 0.3785



69.7199, 0.3687, 0.4111



15.3880, 0.3282, 0.3392



14.8591, 0.5600, 0.3936



1.2797, 0.5345, 0.4138

Inverse Universe

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



49.3337, 0.2564, 0.2840



58.1794, 0.2447, 0.2725



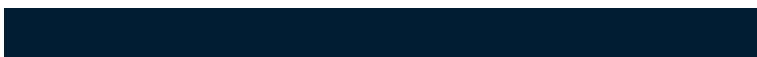
34.3449, 0.2491, 0.2309



15.2380, 0.2981, 0.3186



12.6015, 0.1837, 0.1813



1.1150, 0.1902, 0.2048

Previews

White Background



This preview shows how the Yxy color 51.4540, 0.3837, 0.3698 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 51.4540, 0.3837, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

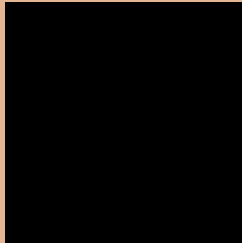
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4540, 0.3837, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 51.4540, 0.3837, 0.3698.



This preview shows how white text looks on a background with the Yxy color 51.4540, 0.3837, 0.3698.

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

51.4540, 0.3837, 0.3698

Protanopia

51.5855, 0.3546, 0.3789

Deuteranopia

51.2192, 0.3796, 0.3715



Tritanopia

51.3230, 0.3508, 0.3133

Trichromacy



Original Color

51.4540, 0.3837, 0.3698

Protanomaly

51.5595, 0.3644, 0.3753

Deuteranomaly

51.3785, 0.3805, 0.3713

Tritanomaly

51.2844, 0.3638, 0.3337

Monochromacy



Original Color

51.4540, 0.3837, 0.3698

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4732, 0.3367, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4540, 0.3837, 0.3698 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(227, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 146)  
}
```

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(227, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 146) }
```

Border

The CSS property to change the border of an element to Yxy 51.4540, 0.3837, 0.3698 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(227, 181, 146) }
```

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

```
.border{ border-color:rgb(227, 181, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 146);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4540, 0.3837, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 146) }
```

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

```
.background{ background-color: rgb(227,  
181, 146) }
```

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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