

Converting Colors

Yxy(51.3652, 0.3852, 0.3648)

Have a look what the booklet for
Yxy(51.3652, 0.3852, 0.3648)
contains.

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Color

Yxy(51.2013, 0.3855, 0.3648)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E6B394 |
| RGB | 230, 179, 148 |
| RGB Percent | 90%, 70%, 58% |
| CMY | 0.0979, 0.2981, 0.4196 |
| CMYK | 0.00, 0.22, 0.36, 0.10 |
| HSL | 23°, 62%, 74% |
| HSV | 23°, 36%, 90% |
| XYZ | 54.1066, 51.2013, 35.0465 |
| YIQ | 190.7150, 40.3470, 1.1710 |

Conversions

Conversions Part 2

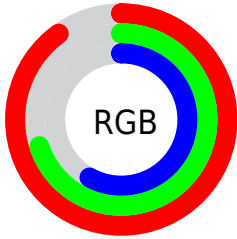
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 230, 198, 148 |
| Decimal | 15119252 |
| CIE Lab | 76.80, 14.38, 22.94 |
| CIE LCh | 77, 27.074, 57.906 |
| Yxy | 51.2013, 0.3855, 0.3648 |
| Android (android.graphics.Color) | 4293309332 (0xFFE6B394) |
| YUV | 190.7150, -21.0585, 34.4529 |
| Hunter-Lab | 71.5551, 9.7520, 21.0493 |

Details

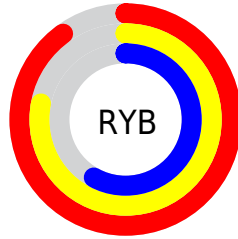
The Yxy color **51.2013, 0.3855, 0.3648** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8766, 0.2573, 0.2898**, and the grayscale version is **52.0358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9409, 0.3480, 0.3622**, and **24.6690, 0.4058, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **45.1039, 0.4134, 0.3748**, and if you desaturate by 10%, it is **58.0438, 0.3610, 0.3544**.

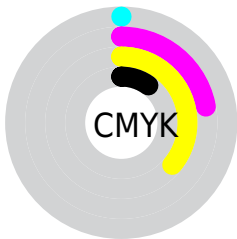
Distribution



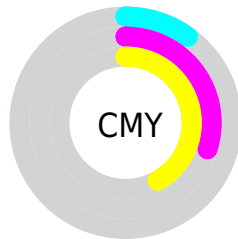
- Red (90%)
- Green (70%)
- Blue (58%)



- Red (90%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2013, 0.3855, 0.3648 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 51.2013, 0.3855, 0.3648 by changing the saturation by 10% instead.


 51.2013, 0.3855,
0.3648

 51.2013, 0.3855,
0.3648


391.3454, 0.3495,
0.3483

 36.3688, 0.3943,
0.3685


 91.9523, 0.3725,
0.3591

 24.7192, 0.4055,
0.3729


 118.6395, 0.3676,
0.3569

 15.8680, 0.4200,
0.3783


150.0472, 0.3635,
0.3550

 9.4308, 0.4397,
0.3849

186.5597, 0.3599,
0.3533

 5.0232, 0.4674,
0.3926

228.5613, 0.3568,
0.3518

 2.2609, 0.5172,
0.4069

276.4366, 0.3540,

 0.7529, 0.5909,

0.3505

0.4091

330.5698, 0.3516,
0.3493

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2013, 0.3855,
0.3648

51.2013, 0.3855,
0.3648

45.1039, 0.4134,
0.3748

58.0438, 0.3610,
0.3544

39.7177, 0.4444,
0.3836

65.6493, 0.3399,
0.3441

35.0165, 0.4775,
0.3900

74.0443, 0.3218,
0.3343

30.9697, 0.5109,
0.3928

83.2515, 0.3063,
0.3251

■ 27.5434, 0.5421,
0.3907

■ 92.7657, 0.2975,
0.3245

■ 24.6996, 0.5683,
0.3833

■ 95.5688, 0.2976,
0.3290

■ 23.6303, 0.5782,
0.3791

Harmonies

Analogous

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



51.2013, 0.3795, 0.3354



51.2013, 0.3855, 0.3648



51.2013, 0.3708, 0.3873

Triad

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



51.2013, 0.3855, 0.3648



51.2013, 0.2713, 0.3522



51.2013, 0.2823, 0.2704

Complementary

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



51.2013, 0.3855, 0.3648



52.8766, 0.2573, 0.2898

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.



51.2013, 0.2561, 0.2715



51.2013, 0.3855, 0.3648



51.2013, 0.2501, 0.3166

Square

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



51.2013, 0.3855, 0.3648



51.2013, 0.3042, 0.3821



51.2013, 0.2448, 0.2874



51.2013, 0.3180, 0.2830

Rectangle

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



51.2013, 0.3855, 0.3648



51.2013, 0.3520, 0.3944



51.2013, 0.2448, 0.2874



51.2013, 0.2721, 0.2692

Sweetspot

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



51.2037, 0.3855, 0.3648



87.6891, 0.3312, 0.3395



42.1759, 0.3445, 0.2708



18.4628, 0.3337, 0.3409



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.



51.2037, 0.3855, 0.3648



58.7608, 0.4063, 0.3725



69.6804, 0.3701, 0.4071



15.2558, 0.3283, 0.3379



13.5908, 0.5754, 0.3813



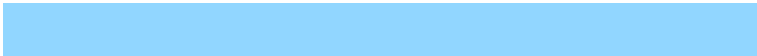
1.1787, 0.5480, 0.4031

Inverse Universe

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



52.8766, 0.2573, 0.2898



61.1493, 0.2459, 0.2799



36.7851, 0.2499, 0.2364



15.3735, 0.2981, 0.3199



14.6169, 0.1891, 0.2006



1.2577, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 51.2013, 0.3855, 0.3648 looks on a white background.

Color Contrast Check

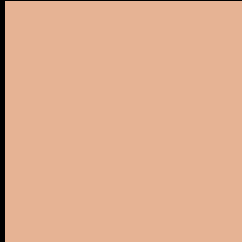
Large Text (above 18pt) WCAG AA × Fail

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 51.2013, 0.3855, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

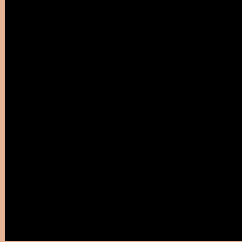
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2013, 0.3855, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 51.2013, 0.3855, 0.3648.



This preview shows how white text looks on a background with the Yxy color 51.2013, 0.3855, 0.3648.

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

51.2013, 0.3855, 0.3648

Protanopia

51.1126, 0.3516, 0.3741

Deuteranopia

51.0921, 0.3779, 0.3704



Tritanopia

51.3524, 0.3555, 0.3146

Trichromacy



Original Color

51.2013, 0.3855, 0.3648

Protanomaly

50.9293, 0.3643, 0.3704

Deuteranomaly

51.1619, 0.3810, 0.3689

Tritanomaly

51.3914, 0.3667, 0.3326

Monochromacy



Original Color

51.2013, 0.3855, 0.3648

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6149, 0.3376, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2013, 0.3855, 0.3648 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, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 148)  
}
```

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, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.2013, 0.3855, 0.3648 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, 179, 148) }
```

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

```
.border{ border-color:rgb(230, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2013, 0.3855, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 148) }
```

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

```
.background{ background-color: rgb(230,  
179, 148) }
```

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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