

Converting Colors

Yxy(51.2463, 0.3892, 0.3608)

Have a look what the booklet for
Yxy(51.2463, 0.3892, 0.3608)
contains.

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Color

Yxy(51.1066, 0.3890, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	EAB195
RGB	234, 177, 149
RGB Percent	92%, 69%, 58%
CMY	0.0825, 0.3058, 0.4157
CMYK	0.00, 0.24, 0.36, 0.08
HSL	20°, 67%, 75%
HSV	20°, 36%, 92%
XYZ	55.0705, 51.1066, 35.3924
YIQ	190.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

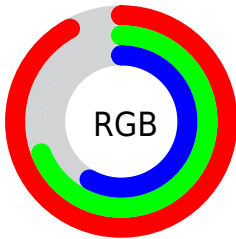
Format	Color
R_{YB}	234, 191, 149
Decimal	15380885
CIE _{Lab}	76.74, 17.08, 22.39
CIE _{LCh}	77, 28.159, 52.664
Yxy	51.1066, 0.3890, 0.3610
Android (android.graphics.Color)	4293570965 (0xFFEAB195)
YUV	190.8510, -20.6325, 37.8417
Hunter-Lab	71.4889, 12.3997, 20.6892

Details

The Yxy color **51.1066, 0.3890, 0.3610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4426, 0.2570, 0.2942**, and the grayscale version is **52.1128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8496, 0.3477, 0.3592**, and **24.6443, 0.4108, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **44.5918, 0.4184, 0.3697**, and if you desaturate by 10%, it is **58.4882, 0.3634, 0.3519**.

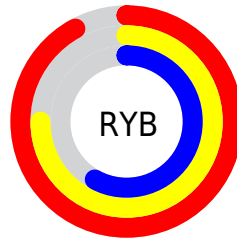
Distribution



Red (92%)

Green (69%)

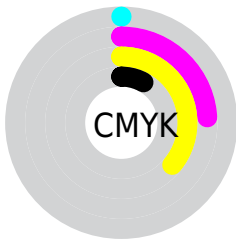
Blue (58%)



Red (92%)

Yellow (75%)

Blue (58%)

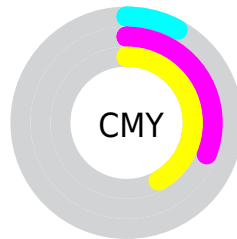


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (8%)



Cyan (8%)


Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1066, 0.3890, 0.3610 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 51.1066, 0.3890, 0.3610 by changing the saturation by 10% instead.

 51.1066, 0.3890,
0.3610

 51.1066, 0.3890,
0.3610

390.9778, 0.3512,
0.3464

 36.2935, 0.3983,
0.3642


 91.8123, 0.3754,
0.3561

 24.6609, 0.4100,
0.3679


 118.4737, 0.3702,
0.3541

 15.8246, 0.4253,
0.3724


149.8533, 0.3658,
0.3524

 9.4001, 0.4461,
0.3777

186.3354, 0.3621,
0.3509

 5.0031, 0.4756,
0.3835

228.3045, 0.3588,
0.3496

 2.2491, 0.5271,
0.3936

276.1451, 0.3560,

 0.7466, 0.6084,

0.3484

0.3916

330.2414, 0.3534,
0.3474

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1066, 0.3890,
0.3610

51.1066, 0.3890,
0.3610

44.5918, 0.4184,
0.3697

58.4882, 0.3634,
0.3519

38.9034, 0.4514,
0.3772

66.7604, 0.3415,
0.3428

34.0086, 0.4868,
0.3823

75.9551, 0.3229,
0.3342

29.8692, 0.5226,
0.3838

86.1005, 0.3072,
0.3261

■ 26.4432, 0.5556,
0.3805

■ 96.2272, 0.2999,
0.3290

■ 23.6832, 0.5826,
0.3723

■ 22.8184, 0.5912,
0.3687

Harmonies

Analogous

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



51.1066, 0.3789, 0.3300



51.1066, 0.3890, 0.3610



51.1066, 0.3772, 0.3863

Triad

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



51.1066, 0.3890, 0.3610



51.1066, 0.2749, 0.3595



51.1066, 0.2754, 0.2673

Complementary

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



51.1066, 0.3890, 0.3610



56.4426, 0.2570, 0.2942

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.



51.1066, 0.2507, 0.2710



51.1066, 0.3890, 0.3610



51.1066, 0.2504, 0.3223

Square

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



51.1066, 0.3890, 0.3610



51.1066, 0.3105, 0.3883



51.1066, 0.2419, 0.2901



51.1066, 0.3113, 0.2781

Rectangle

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



51.1066, 0.3890, 0.3610



51.1066, 0.3592, 0.3959



51.1066, 0.2419, 0.2901



51.1066, 0.2656, 0.2669

Sweetspot

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



51.1090, 0.3890, 0.3610



86.9102, 0.3313, 0.3382



43.4879, 0.3412, 0.2653



18.2779, 0.3339, 0.3394



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.



51.1090, 0.3890, 0.3610



55.8012, 0.4119, 0.3680



70.0023, 0.3728, 0.4045



15.8655, 0.3285, 0.3368



13.0316, 0.5884, 0.3710



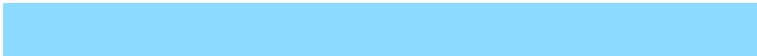
1.1936, 0.5615, 0.3924

Inverse Universe

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



56.4426, 0.2570, 0.2942



63.1817, 0.2456, 0.2852



39.0839, 0.2493, 0.2399



16.2360, 0.2981, 0.3210



17.0949, 0.1938, 0.2176



1.5171, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 51.1066, 0.3890, 0.3610 looks on a white background.

Color Contrast Check

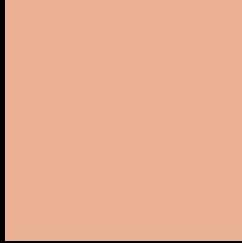
Large Text (above 18pt) WCAG AA × Fail

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 51.1066, 0.3890, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

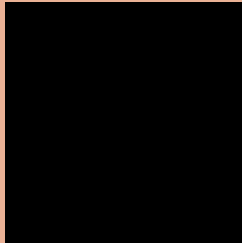
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1066, 0.3890, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 51.1066, 0.3890, 0.3610.



This preview shows how white text looks on a background with the Yxy color 51.1066, 0.3890, 0.3610.

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

51.1066, 0.3890, 0.3610

Protanopia

51.1793, 0.3500, 0.3716

Deuteranopia

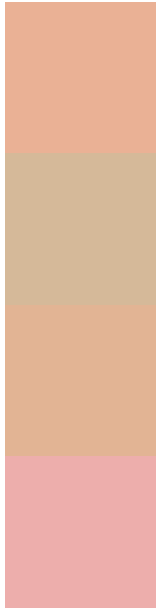
51.1236, 0.3770, 0.3692



Tritanopia

51.1850, 0.3614, 0.3147

Trichromacy



Original Color

51.1066, 0.3890, 0.3610

Protanomaly

51.1440, 0.3635, 0.3679

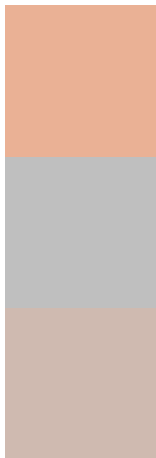
Deuteranomaly

50.9494, 0.3814, 0.3664

Tritanomaly

51.2552, 0.3718, 0.3314

Monochromacy



Original Color

51.1066, 0.3890, 0.3610

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5178, 0.3387, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1066, 0.3890, 0.3610 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(234, 177, 149)` looks like.

```
.text, #text, p{  
    color:rgb(234, 177, 149)  
}
```

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(234, 177, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 177, 149) }
```

Border

The CSS property to change the border of an element to Yxy 51.1066, 0.3890, 0.3610 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(234, 177, 149) }
```

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

```
.border{ border-color:rgb(234, 177, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 177, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 177, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 177, 149);  
box-shadow:4px 4px 4px 4px rgb(234, 177,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1066, 0.3890, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 177, 149) }
```

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

```
.background{ background-color: rgb(234,  
177, 149) }
```

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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