

Converting Colors

Yxy(57.5634, 0.3830, 0.3761)

Have a look what the booklet for
Yxy(57.5634, 0.3830, 0.3761)
contains.

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Color

Yxy(57.5634, 0.3830, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	EBC096
RGB	235, 192, 150
RGB Percent	92%, 75%, 59%
CMY	0.0784, 0.2471, 0.4118
CMYK	0.00, 0.18, 0.36, 0.08
HSL	30°, 68%, 75%
HSV	30°, 36%, 92%
XYZ	58.6195, 57.5634, 36.8706
YIQ	200.0690, 39.1100, -3.9460

Conversions

Conversions Part 2

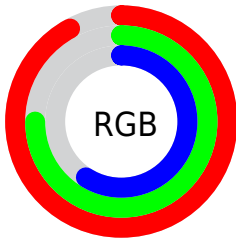
Format	Color
R _Y B	235, 233, 150
Decimal	15450262
CIE Lab	80.50, 9.67, 26.97
CIE LCh	80, 28.652, 70.266
Yxy	57.5634, 0.3830, 0.3761
Android (android.graphics.Color)	4293640342 (0xFFEBC096)
YUV	200.0690, -24.6840, 30.6345
Hunter-Lab	75.8705, 5.1401, 24.2964

Details

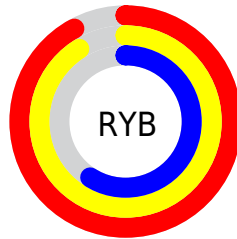
The Yxy color **57.5634, 0.3830, 0.3761** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6266, 0.2546, 0.2763**, and the grayscale version is **57.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7544, 0.3442, 0.3725**, and **28.8311, 0.4008, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **51.8709, 0.4081, 0.3890**, and if you desaturate by 10%, it is **63.8351, 0.3603, 0.3627**.

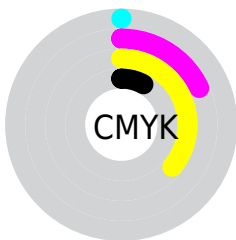
Distribution



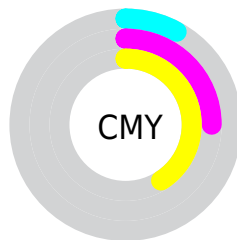
- Red (92%)
- Green (75%)
- Blue (59%)



- Red (92%)
- Yellow (91%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5634, 0.3830, 0.3761 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 57.5634, 0.3830, 0.3761 by changing the saturation by 10% instead.

 57.5634, 0.3830,
0.3761


 57.5634, 0.3830,
0.3761


415.5571, 0.3491,
0.3543

 41.4577, 0.3910,
0.3810


 101.2868, 0.3710,
0.3686

 28.6769, 0.4010,
0.3869


 129.6733, 0.3664,
0.3657

 18.8366, 0.4139,
0.3942


162.9223, 0.3624,
0.3631

 11.5522, 0.4308,
0.4032

201.4180, 0.3590,
0.3609

 6.4396, 0.4537,
0.4144

245.5450, 0.3561,
0.3590

 3.1142, 0.4890,
0.4302

295.6876, 0.3535,

 1.1916, 0.5481,

0.3572

0.4519

352.2301, 0.3511,
0.3557

0.0548, 0.8402,
0.1598

0.0000, 0.0000,
0.0000

57.5634, 0.3830,
0.3761

57.5634, 0.3830,
0.3761

51.8709, 0.4081,
0.3890

63.8351, 0.3603,
0.3627

46.7303, 0.4351,
0.4006

70.6957, 0.3402,
0.3493

42.1241, 0.4631,
0.4095

78.1650, 0.3225,
0.3365

38.0299, 0.4906,
0.4145

86.2593, 0.3071,
0.3245

■ 34.4235, 0.5160,
0.4144

■ 94.1627, 0.3006,
0.3255

■ 31.2763, 0.5373,
0.4088

■ 96.4054, 0.3005,
0.3290

■ 30.1823, 0.5447,
0.4057

Harmonies

Analogous

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



57.5634, 0.3858, 0.3481



57.5634, 0.3830, 0.3761



57.5634, 0.3606, 0.3937

Triad

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



57.5634, 0.3830, 0.3761



57.5634, 0.2599, 0.3376



57.5634, 0.2959, 0.2732

Complementary

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



57.5634, 0.3830, 0.3761



50.6266, 0.2546, 0.2763

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.



57.5634, 0.2645, 0.2683



57.5634, 0.3830, 0.3761



57.5634, 0.2447, 0.3028

Square

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



57.5634, 0.3830, 0.3761



57.5634, 0.2893, 0.3722



57.5634, 0.2464, 0.2782



57.5634, 0.3338, 0.2909

Rectangle

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



57.5634, 0.3830, 0.3761



57.5634, 0.3384, 0.3958



57.5634, 0.2464, 0.2782



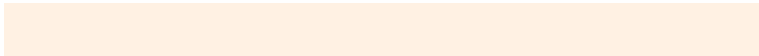
57.5634, 0.2843, 0.2700

Sweetspot

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



57.5661, 0.3830, 0.3761



89.6005, 0.3308, 0.3427



43.3665, 0.3548, 0.2803



18.9174, 0.3332, 0.3444



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.



57.5661, 0.3830, 0.3761



64.4034, 0.4003, 0.3853



78.4862, 0.3676, 0.4176



16.2832, 0.3280, 0.3407



17.0496, 0.5422, 0.4077



1.5311, 0.5207, 0.4248

Inverse Universe

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



50.6266, 0.2546, 0.2763



54.9640, 0.2433, 0.2641



34.7469, 0.2470, 0.2217



15.8086, 0.2981, 0.3171



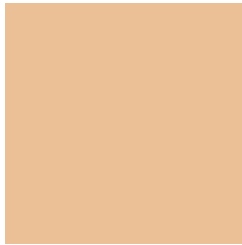
10.9235, 0.1778, 0.1600



1.0503, 0.1847, 0.1848

Previews

White Background



This preview shows how the Yxy color 57.5634, 0.3830, 0.3761 looks on a white background.

Color Contrast Check

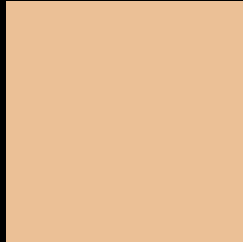
Large Text (above 18pt) WCAG AA × Fail

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 57.5634, 0.3830, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

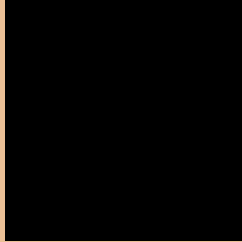
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5634, 0.3830, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 57.5634, 0.3830, 0.3761.



This preview shows how white text looks on a background with the Yxy color 57.5634, 0.3830, 0.3761.

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

57.5634, 0.3830, 0.3761

Protanopia

57.9046, 0.3597, 0.3847

Deuteranopia

57.7341, 0.3838, 0.3759



Tritanopia

57.3933, 0.3473, 0.3128

Trichromacy



Original Color

57.5634, 0.3830, 0.3761

Protanomaly

57.7291, 0.3683, 0.3813

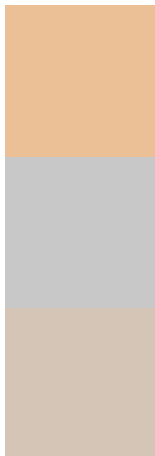
Deuteranomaly

57.7341, 0.3838, 0.3759

Tritanomaly

57.5210, 0.3601, 0.3358

Monochromacy



Original Color

57.5634, 0.3830, 0.3761

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4560, 0.3370, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5634, 0.3830, 0.3761 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(235, 192, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 150)  
}
```

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(235, 192, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 150) }
```

Border

The CSS property to change the border of an element to Yxy 57.5634, 0.3830, 0.3761 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(235, 192, 150) }
```

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

```
.border{ border-color:rgb(235, 192, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 192, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5634, 0.3830, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 150) }
```

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

```
.background{ background-color: rgb(235,  
192, 150) }
```

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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