

Converting Colors

$Yxy(57.3980, 0.3835, 0.3782)$

Have a look what the booklet for
Yxy(57.3980, 0.3835, 0.3782)
contains.

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Color

Yxy(57.3298, 0.3837, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	EAC094
RGB	234, 192, 148
RGB Percent	92%, 75%, 58%
CMY	0.0825, 0.2470, 0.4196
CMYK	0.00, 0.18, 0.37, 0.08
HSL	31°, 67%, 75%
HSV	31°, 37%, 92%
XYZ	58.1174, 57.3298, 36.0186
YIQ	199.5420, 39.1560, -4.7800

Conversions

Conversions Part 2

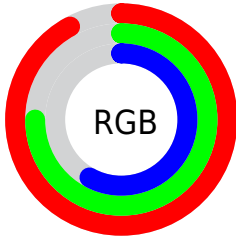
Format	Color
R _Y B	230, 234, 148
Decimal	15384724
CIE Lab	80.36, 9.02, 27.83
CIE LCh	80, 29.251, 72.041
Yxy	57.3298, 0.3837, 0.3785
Android (android.graphics.Color)	4293574804 (0xFFEAC094)
YUV	199.5420, -25.4102, 30.2197
Hunter-Lab	75.7164, 4.5069, 24.7971

Details

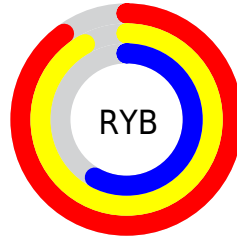
The Yxy color **57.3298, 0.3837, 0.3785** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0359, 0.2534, 0.2734**, and the grayscale version is **57.6033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6591, 0.3455, 0.3746**, and **28.6754, 0.4017, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **51.8441, 0.4084, 0.3918**, and if you desaturate by 10%, it is **63.3595, 0.3612, 0.3646**.

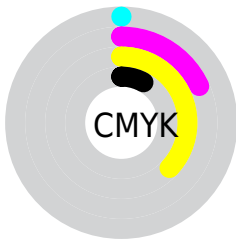
Distribution



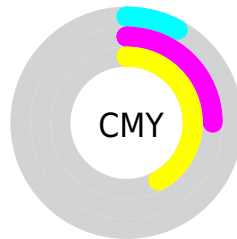
- Red (92%)
- Green (75%)
- Blue (58%)



- Red (90%)
- Yellow (92%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3298, 0.3837, 0.3785 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 57.3298, 0.3837, 0.3785 by changing the saturation by 10% instead.


 57.3298, 0.3837,
0.3785


 57.3298, 0.3837,
0.3785


414.6840, 0.3494,
0.3555

 41.2701, 0.3918,
0.3836


 100.9462, 0.3716,
0.3706

 28.5302, 0.4019,
0.3899


 129.2718, 0.3669,
0.3675

 18.7257, 0.4148,
0.3976


162.4547, 0.3630,
0.3648

 11.4722, 0.4317,
0.4072

200.8794, 0.3595,
0.3625

 6.3854, 0.4546,
0.4190

244.9303, 0.3565,
0.3604

 3.0808, 0.4910,
0.4368

294.9917, 0.3539,

 1.1741, 0.5445,

0.3586

0.4555

351.4482, 0.3515,
0.3570

0.0404, 0.8649,
0.1351

0.0000, 0.0000,
0.0000

57.3298, 0.3837,
0.3785

57.3298, 0.3837,
0.3785

51.8441, 0.4084,
0.3918

63.3595, 0.3612,
0.3646

46.8764, 0.4349,
0.4037

69.9419, 0.3411,
0.3508

42.4104, 0.4621,
0.4128

77.0956, 0.3234,
0.3375

38.4251, 0.4887,
0.4179

84.8358, 0.3079,
0.3250

■ 34.8975, 0.5129,
0.4179

■ 92.5174, 0.2999,
0.3231

■ 31.8003, 0.5332,
0.4125

■ 96.2262, 0.2999,
0.3290

■ 30.8735, 0.5393,
0.4100

Harmonies

Analogous

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



57.3298, 0.3879, 0.3503



57.3298, 0.3837, 0.3785



57.3298, 0.3598, 0.3957

Triad

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



57.3298, 0.3837, 0.3785



57.3298, 0.2574, 0.3355



57.3298, 0.2977, 0.2728

Complementary

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



57.3298, 0.3837, 0.3785



49.0359, 0.2534, 0.2734

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.



57.3298, 0.2650, 0.2669



57.3298, 0.3837, 0.3785



57.3298, 0.2429, 0.3003

Square

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



57.3298, 0.3837, 0.3785



57.3298, 0.2867, 0.3713



57.3298, 0.2457, 0.2761



57.3298, 0.3366, 0.2915

Rectangle

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



57.3298, 0.3837, 0.3785



57.3298, 0.3367, 0.3971



57.3298, 0.2457, 0.2761



57.3298, 0.2857, 0.2693

Sweetspot

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



57.3325, 0.3837, 0.3785



89.9000, 0.3308, 0.3432



42.4265, 0.3571, 0.2810



18.9887, 0.3332, 0.3450



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.



57.3325, 0.3837, 0.3785



64.6646, 0.4020, 0.3886



78.4488, 0.3679, 0.4203



16.3296, 0.3280, 0.3411



17.6084, 0.5370, 0.4119



1.5753, 0.5163, 0.4283

Inverse Universe

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



49.0359, 0.2534, 0.2734



53.2216, 0.2412, 0.2597



33.4138, 0.2455, 0.2179



15.7623, 0.2981, 0.3166



10.3730, 0.1761, 0.1540



1.0066, 0.1832, 0.1795

Previews

White Background



This preview shows how the Yxy color 57.3298, 0.3837, 0.3785 looks on a white background.

Color Contrast Check

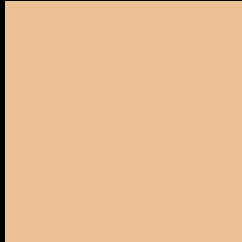
Large Text (above 18pt) WCAG AA × Fail

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 57.3298, 0.3837, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

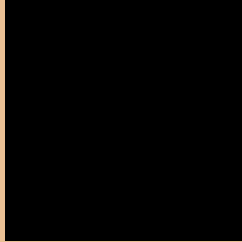
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3298, 0.3837, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 57.3298, 0.3837, 0.3785.



This preview shows how white text looks on a background with the Yxy color 57.3298, 0.3837, 0.3785.

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

57.3298, 0.3837, 0.3785

Protanopia

57.3774, 0.3616, 0.3860

Deuteranopia

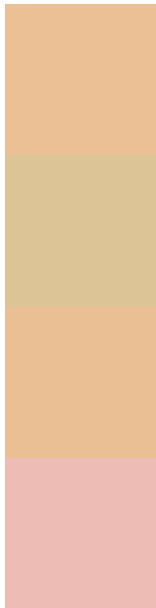
57.2326, 0.3859, 0.3771



Tritanopia

57.1722, 0.3472, 0.3139

Trichromacy



Original Color

57.3298, 0.3837, 0.3785

Protanomaly

57.0540, 0.3694, 0.3827

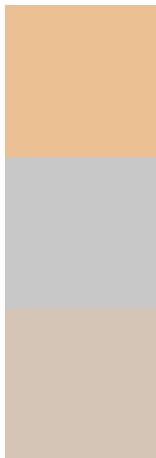
Deuteranomaly

57.0619, 0.3850, 0.3772

Tritanomaly

57.2663, 0.3609, 0.3380

Monochromacy



Original Color

57.3298, 0.3837, 0.3785

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2657, 0.3370, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3298, 0.3837, 0.3785 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, 192, 148)` looks like.

```
.text, #text, p{  
    color:rgb(234, 192, 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(234, 192, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 192, 148) }
```

Border

The CSS property to change the border of an element to Yxy 57.3298, 0.3837, 0.3785 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, 192, 148) }
```

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

```
.border{ border-color:rgb(234, 192, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 192, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 192, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 192, 148);  
box-shadow:4px 4px 4px 4px rgb(234, 192,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3298, 0.3837, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 192, 148) }
```

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

```
.background{ background-color: rgb(234,  
192, 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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