

Converting Colors

Yxy(57.3321, 0.3838, 0.3704)

Have a look what the booklet for
Yxy(57.3321, 0.3838, 0.3704)
contains.

Yxy(57.3040, 0.3839, 0.3702)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3040, 0.3839, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	EEBE99
RGB	238, 190, 153
RGB Percent	93%, 75%, 60%
CMY	0.0666, 0.2549, 0.4000
CMYK	0.00, 0.20, 0.36, 0.07
HSL	26°, 71%, 77%
HSV	26°, 36%, 93%
XYZ	59.4247, 57.3040, 38.0634
YIQ	200.1340, 40.4850, -1.3310

Conversions

Conversions Part 2

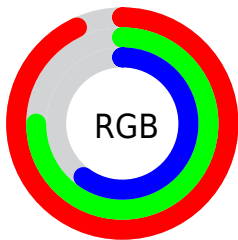
Format	Color
R _Y B	238, 219, 153
Decimal	15646361
CIE Lab	80.35, 12.24, 25.23
CIE LCh	80, 28.044, 64.122
Yxy	57.3040, 0.3839, 0.3702
Android (android.graphics.Color)	4293836441 (0xFFEEBE99)
YUV	200.1340, -23.2371, 33.2085
Hunter-Lab	75.6994, 7.6500, 23.1772

Details

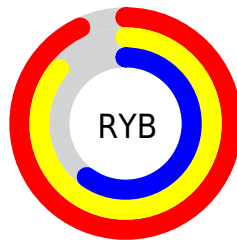
The Yxy color **57.3040, 0.3839, 0.3702** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.7188, 0.2562, 0.2835**, and the grayscale version is **57.9746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7256, 0.3421, 0.3666**, and **28.6744, 0.4022, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **51.0409, 0.4104, 0.3817**, and if you desaturate by 10%, it is **64.2662, 0.3603, 0.3582**.

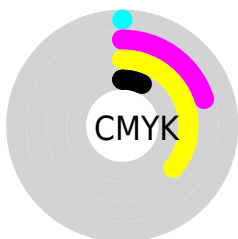
Distribution



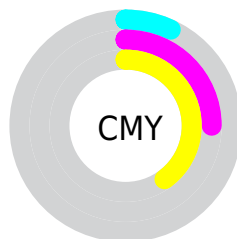
- Red (93%)
- Green (75%)
- Blue (60%)



- Red (93%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3040, 0.3839, 0.3702 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 57.3040, 0.3839, 0.3702 by changing the saturation by 10% instead.


 57.3040, 0.3839,
0.3702

 57.3040, 0.3839,
0.3702


414.5875, 0.3494,
0.3513

 41.2494, 0.3921,
0.3744


 100.9086, 0.3717,
0.3637

 28.5140, 0.4024,
0.3794


 129.2274, 0.3670,
0.3612

 18.7135, 0.4156,
0.3856


162.4030, 0.3630,
0.3590

 11.4634, 0.4331,
0.3932


200.8199, 0.3595,
0.3571

 6.3794, 0.4572,
0.4024

244.8623, 0.3565,
0.3554

 3.0772, 0.4932,
0.4141

294.9148, 0.3539,

 1.1721, 0.5637,

0.3539

0.4363

351.3617, 0.3515,
0.3525

0.0388, 0.8964,
0.1036

0.0000, 0.0000,
0.0000

57.3040, 0.3839,
0.3702

57.3040, 0.3839,
0.3702

51.0409, 0.4104,
0.3817

64.2662, 0.3603,
0.3582

45.4450, 0.4394,
0.3919

71.9420, 0.3397,
0.3464

40.4936, 0.4700,
0.3996

80.3554, 0.3218,
0.3351

36.1591, 0.5006,
0.4035

89.5267, 0.3064,
0.3246

■ 32.4115, 0.5290,
0.4024

■ 96.9185, 0.3023,
0.3290

■ 29.2161, 0.5530,
0.3958

■ 28.0008, 0.5622,
0.3918

Harmonies

Analogous

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



57.3040, 0.3823, 0.3417



57.3040, 0.3839, 0.3702



57.3040, 0.3655, 0.3902

Triad

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



57.3040, 0.3839, 0.3702



57.3040, 0.2659, 0.3448



57.3040, 0.2892, 0.2721

Complementary

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



57.3040, 0.3839, 0.3702



54.7188, 0.2562, 0.2835

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.



57.3040, 0.2606, 0.2702



57.3040, 0.3839, 0.3702



57.3040, 0.2478, 0.3098

Square

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



57.3040, 0.3839, 0.3702



57.3040, 0.2969, 0.3769



57.3040, 0.2459, 0.2830



57.3040, 0.3258, 0.2872

Rectangle

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



57.3040, 0.3839, 0.3702



57.3040, 0.3450, 0.3948



57.3040, 0.2459, 0.2830



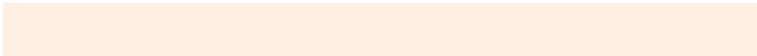
57.3040, 0.2784, 0.2699

Sweetspot

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



57.3067, 0.3839, 0.3702



88.6305, 0.3310, 0.3411



45.1847, 0.3500, 0.2764



18.6865, 0.3335, 0.3426



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.



57.3067, 0.3839, 0.3702



61.4919, 0.4033, 0.3789



78.3831, 0.3684, 0.4127



16.8908, 0.3282, 0.3393



15.8674, 0.5595, 0.3940



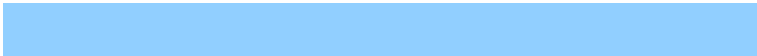
1.5144, 0.5366, 0.4121

Inverse Universe

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



54.7188, 0.2562, 0.2835



58.0266, 0.2446, 0.2721



37.6261, 0.2486, 0.2287



16.7100, 0.2980, 0.3185



13.2792, 0.1833, 0.1800



1.3023, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 57.3040, 0.3839, 0.3702 looks on a white background.

Color Contrast Check

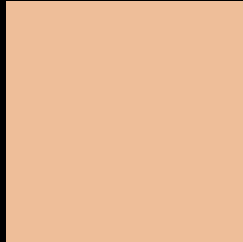
Large Text (above 18pt) WCAG AA × Fail

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 57.3040, 0.3839, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

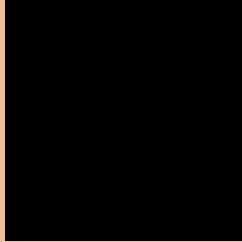
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3040, 0.3839, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 57.3040, 0.3839, 0.3702.



This preview shows how white text looks on a background with the Yxy color 57.3040, 0.3839, 0.3702.

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

57.3040, 0.3839, 0.3702

Protanopia

57.2782, 0.3552, 0.3792

Deuteranopia

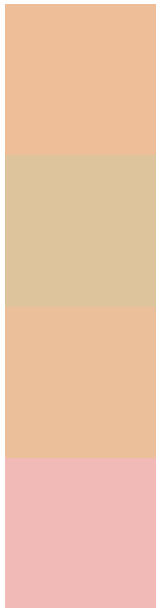
57.0539, 0.3800, 0.3718



Tritanopia

57.4129, 0.3517, 0.3140

Trichromacy



Original Color

57.3040, 0.3839, 0.3702

Protanomaly

57.2523, 0.3646, 0.3757

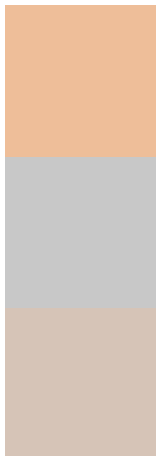
Deuteranomaly

57.2237, 0.3809, 0.3717

Tritanomaly

57.1960, 0.3632, 0.3335

Monochromacy



Original Color

57.3040, 0.3839, 0.3702

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1949, 0.3373, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3040, 0.3839, 0.3702 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(238, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(238, 190, 153)  
}
```

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(238, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 190, 153) }
```

Border

The CSS property to change the border of an element to Yxy 57.3040, 0.3839, 0.3702 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(238, 190, 153) }
```

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

```
.border{ border-color:rgb(238, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(238, 190,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3040, 0.3839, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 190, 153) }
```

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

```
.background{ background-color: rgb(238,  
190, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor