

Converting Colors

Yxy(57.0702, 0.3848, 0.3776)

Have a look what the booklet for
Yxy(57.0702, 0.3848, 0.3776)
contains.

Yxy(57.0619, 0.3850, 0.3772)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0619, 0.3850, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	EBBF94
RGB	235, 191, 148
RGB Percent	92%, 75%, 58%
CMY	0.0784, 0.2510, 0.4195
CMYK	0.00, 0.19, 0.37, 0.08
HSL	30°, 69%, 75%
HSV	30°, 37%, 92%
XYZ	58.2419, 57.0619, 35.9738
YIQ	199.2540, 40.0270, -4.0450

Conversions

Conversions Part 2

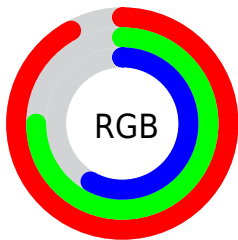
Format	Color
R _Y B	235, 233, 148
Decimal	15450004
CIE Lab	80.21, 9.97, 27.62
CIE LCh	80, 29.368, 70.155
Yxy	57.0619, 0.3850, 0.3772
Android (android.graphics.Color)	4293640084 (0xFFEBBF94)
YUV	199.2540, -25.2682, 31.3492
Hunter-Lab	75.5393, 5.4321, 24.6421

Details

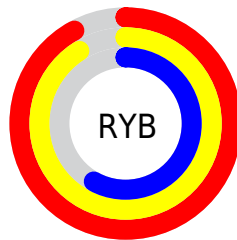
The Yxy color **57.0619, 0.3850, 0.3772** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0165, 0.2533, 0.2749**, and the grayscale version is **57.4196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0458, 0.3457, 0.3736**, and **28.5050, 0.4036, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **51.4162, 0.4103, 0.3901**, and if you desaturate by 10%, it is **63.2852, 0.3621, 0.3638**.

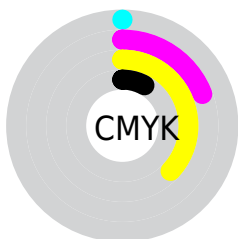
Distribution



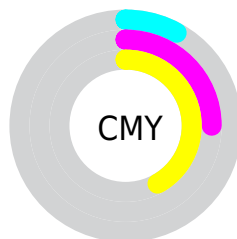
- Red (92%)
- Green (75%)
- Blue (58%)



- Red (92%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (8%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0619, 0.3850, 0.3772 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 57.0619, 0.3850, 0.3772 by changing the saturation by 10% instead.


 57.0619, 0.3850,
0.3772


 57.0619, 0.3850,
0.3772


413.6812, 0.3501,
0.3549

 41.0549, 0.3933,
0.3822


 100.5555, 0.3726,
0.3695

 28.3620, 0.4036,
0.3882


 128.8109, 0.3679,
0.3665

 18.5987, 0.4168,
0.3956


161.9180, 0.3638,
0.3639

 11.3807, 0.4342,
0.4048

200.2610, 0.3603,
0.3617

 6.3235, 0.4577,
0.4160

244.2245, 0.3573,
0.3597

 3.0428, 0.4953,
0.4328

294.1927, 0.3546,

 1.1541, 0.5505,

0.3579

0.4495

350.5502, 0.3522,
0.3563

0.0237, 0.9181,
0.0819

0.0000, 0.0000,
0.0000

57.0619, 0.3850,
0.3772

57.0619, 0.3850,
0.3772

51.4162, 0.4103,
0.3901

63.2852, 0.3621,
0.3638

46.3209, 0.4374,
0.4014

70.0962, 0.3418,
0.3504

41.7581, 0.4654,
0.4100

77.5145, 0.3239,
0.3376

37.7057, 0.4929,
0.4147

85.5566, 0.3083,
0.3255

■ 34.1387, 0.5179,
0.4141

■ 93.5405, 0.3006,
0.3245

■ 31.0281, 0.5389,
0.4081

■ 96.4042, 0.3005,
0.3290

■ 30.1766, 0.5447,
0.4057

Harmonies

Analogous

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



57.0619, 0.3879, 0.3484



57.0619, 0.3850, 0.3772



57.0619, 0.3620, 0.3955

Triad

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



57.0619, 0.3850, 0.3772



57.0619, 0.2586, 0.3379



57.0619, 0.2953, 0.2717

Complementary

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



57.0619, 0.3850, 0.3772



50.0165, 0.2533, 0.2749

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.



57.0619, 0.2631, 0.2667



57.0619, 0.3850, 0.3772



57.0619, 0.2430, 0.3021

Square

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



57.0619, 0.3850, 0.3772



57.0619, 0.2887, 0.3736



57.0619, 0.2446, 0.2769



57.0619, 0.3342, 0.2898

Rectangle

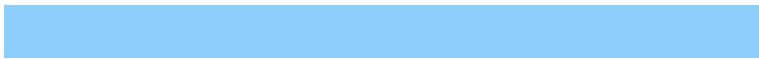
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0619, 0.3850, 0.3772



57.0619, 0.3391, 0.3978



57.0619, 0.2446, 0.2769



57.0619, 0.2834, 0.2685

Sweetspot

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



57.0646, 0.3850, 0.3772



89.5994, 0.3308, 0.3427



42.7029, 0.3561, 0.2791



18.9171, 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.



57.0646, 0.3850, 0.3772



63.7286, 0.4029, 0.3866



78.4000, 0.3688, 0.4196



16.2830, 0.3280, 0.3407



17.0475, 0.5423, 0.4076



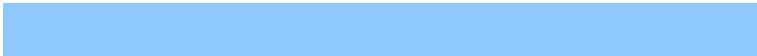
1.5309, 0.5207, 0.4247

Inverse Universe

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



50.0165, 0.2533, 0.2749



54.1534, 0.2417, 0.2623



33.9453, 0.2452, 0.2188



15.8088, 0.2981, 0.3171



10.9256, 0.1778, 0.1600



1.0504, 0.1847, 0.1849

Previews

White Background



This preview shows how the Yxy color 57.0619, 0.3850, 0.3772 looks on a white background.

Color Contrast Check

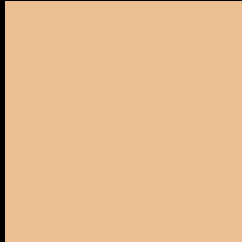
Large Text (above 18pt) WCAG AA × Fail

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 57.0619, 0.3850, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

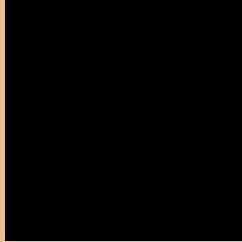
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0619, 0.3850, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 57.0619, 0.3850, 0.3772.



This preview shows how white text looks on a background with the Yxy color 57.0619, 0.3850, 0.3772.

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

57.0619, 0.3850, 0.3772

Protanopia

57.2600, 0.3599, 0.3850

Deuteranopia

57.0619, 0.3850, 0.3772



Tritanopia

56.8835, 0.3491, 0.3139

Trichromacy



Original Color

57.0619, 0.3850, 0.3772

Protanomaly

57.0864, 0.3686, 0.3815

Deuteranomaly

57.0619, 0.3850, 0.3772

Tritanomaly

57.0131, 0.3620, 0.3369

Monochromacy



Original Color

57.0619, 0.3850, 0.3772

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7722, 0.3379, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0619, 0.3850, 0.3772 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, 191, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 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(235, 191, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 148) }
```

Border

The CSS property to change the border of an element to Yxy 57.0619, 0.3850, 0.3772 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, 191, 148) }
```

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

```
.border{ border-color:rgb(235, 191, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 191, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 191, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 191, 148); box-shadow:4px 4px 4px 4px rgb(235, 191, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0619, 0.3850, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 148) }
```

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

```
.background{ background-color: rgb(235,  
191, 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](#).

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