

Converting Colors

$Yxy(59.7241, 0.3875, 0.3601)$

Have a look what the booklet for
Yxy(59.7241, 0.3875, 0.3601)
contains.

Yxy(59.7241, 0.3875, 0.3601)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7241, 0.3875, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	FABEA1
RGB	250, 190, 161
RGB Percent	98%, 75%, 63%
CMY	0.0196, 0.2549, 0.3686
CMYK	0.00, 0.24, 0.36, 0.02
HSL	20°, 90%, 81%
HSV	20°, 36%, 98%
XYZ	64.2685, 59.7241, 41.8616
YIQ	204.6340, 45.0690, 3.7010

Conversions

Conversions Part 2

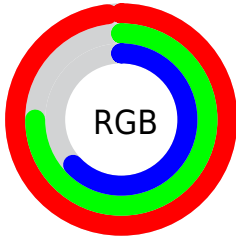
Format	Color
R _Y B	250, 204, 161
Decimal	16432801
CIE Lab	81.69, 17.79, 23.00
CIE LCh	82, 29.076, 52.281
Yxy	59.7241, 0.3875, 0.3601
Android (android.graphics.Color)	4294622881 (0xFFFABEA1)
YUV	204.6340, -21.5116, 39.7860
Hunter-Lab	77.2814, 13.2013, 21.9809

Details

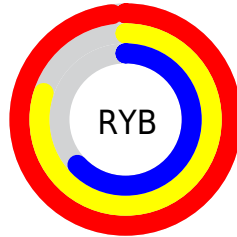
The Yxy color **59.7241, 0.3875, 0.3601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.1855, 0.2579, 0.2953**, and the grayscale version is **60.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1294, 0.3371, 0.3586**, and **29.9189, 0.4076, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **52.0482, 0.4169, 0.3688**, and if you desaturate by 10%, it is **68.4259, 0.3620, 0.3510**.

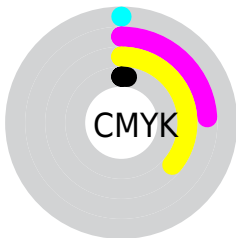
Distribution



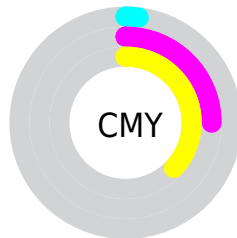
- Red (98%)
- Green (75%)
- Blue (63%)



- Red (98%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7241, 0.3875, 0.3601 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 59.7241, 0.3875, 0.3601 by changing the saturation by 10% instead.


 59.7241, 0.3875,
0.3601


 59.7241, 0.3875,
0.3601


423.5801, 0.3514,
0.3463

 43.1963, 0.3961,
0.3630


 104.4293, 0.3747,
0.3555

 30.0392, 0.4068,
0.3665


 133.3756, 0.3698,
0.3537

 19.8683, 0.4206,
0.3705


167.2300, 0.3656,
0.3520

 12.2994, 0.4389,
0.3754

206.3772, 0.3620,
0.3506

 6.9479, 0.4643,
0.3808

251.2013, 0.3588,
0.3494

 3.4295, 0.5009,
0.3858

302.0869, 0.3560,

 1.3599, 0.5905,

0.3483

0.4095

359.4184, 0.3536,
0.3472

0.1869, 0.7660,
0.2340

0.0000, 0.0000,
0.0000

59.7241, 0.3875,
0.3601

59.7241, 0.3875,
0.3601

52.0482, 0.4169,
0.3688

68.4259, 0.3620,
0.3510

45.3506, 0.4500,
0.3763

78.1822, 0.3402,
0.3421

39.5922, 0.4856,
0.3815

89.0306, 0.3218,
0.3335

34.7277, 0.5217,
0.3831

99.0621, 0.3096,
0.3290

■ 30.7074, 0.5552,
0.3800

■ 27.4752, 0.5827,
0.3719

■ 26.2787, 0.5929,
0.3675

Harmonies

Analogous

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



59.7241, 0.3773, 0.3297



59.7241, 0.3875, 0.3601



59.7241, 0.3762, 0.3850

Triad

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



59.7241, 0.3875, 0.3601



59.7241, 0.2761, 0.3593



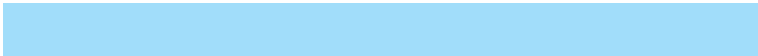
59.7241, 0.2757, 0.2684

Complementary

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



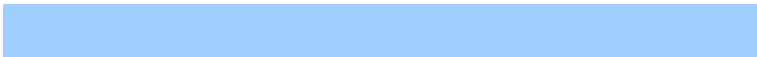
59.7241, 0.3875, 0.3601



66.1855, 0.2579, 0.2953

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.



59.7241, 0.2516, 0.2723



59.7241, 0.3875, 0.3601



59.7241, 0.2518, 0.3229

Square

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



59.7241, 0.3875, 0.3601



59.7241, 0.3110, 0.3873



59.7241, 0.2432, 0.2912



59.7241, 0.3109, 0.2788

Rectangle

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



59.7241, 0.3875, 0.3601



59.7241, 0.3587, 0.3945



59.7241, 0.2432, 0.2912



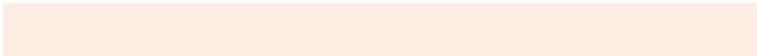
59.7241, 0.2661, 0.2680

Sweetspot

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



59.7269, 0.3875, 0.3601



86.8475, 0.3314, 0.3381



51.0784, 0.3406, 0.2663



18.2630, 0.3339, 0.3393



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.



59.7269, 0.3875, 0.3601



56.3991, 0.4091, 0.3667



81.5571, 0.3718, 0.4033



18.1490, 0.3286, 0.3368



14.1721, 0.5899, 0.3698



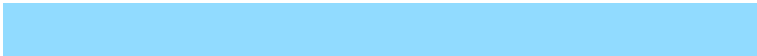
1.4969, 0.5668, 0.3881

Inverse Universe

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



66.1855, 0.2579, 0.2953



64.0709, 0.2471, 0.2869



46.0506, 0.2505, 0.2416



18.5990, 0.2980, 0.3211



18.8904, 0.1941, 0.2187



1.9425, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 59.7241, 0.3875, 0.3601 looks on a white background.

Color Contrast Check

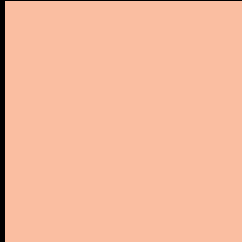
Large Text (above 18pt) WCAG AA × Fail

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 59.7241, 0.3875, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

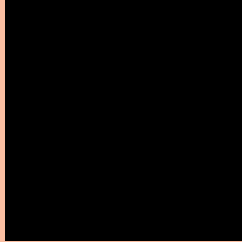
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7241, 0.3875, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 59.7241, 0.3875, 0.3601.



This preview shows how white text looks on a background with the Yxy color 59.7241, 0.3875, 0.3601.

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

59.7241, 0.3875, 0.3601

Protanopia

59.9490, 0.3490, 0.3713

Deuteranopia

59.7454, 0.3763, 0.3678



Tritanopia

59.8923, 0.3599, 0.3146

Trichromacy



Original Color

59.7241, 0.3875, 0.3601

Protanomaly

59.5988, 0.3628, 0.3666

Deuteranomaly

59.5552, 0.3804, 0.3652

Tritanomaly

59.9261, 0.3706, 0.3313

Monochromacy



Original Color

59.7241, 0.3875, 0.3601

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3548, 0.3377, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7241, 0.3875, 0.3601 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(250, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(250, 190, 161)  
}
```

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(250, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 190, 161) }
```

Border

The CSS property to change the border of an element to Yxy 59.7241, 0.3875, 0.3601 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(250, 190, 161) }
```

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

```
.border{ border-color:rgb(250, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(250, 190,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7241, 0.3875, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 190, 161) }
```

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

```
.background{ background-color: rgb(250,  
190, 161) }
```

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