

Converting Colors

$Yxy(63.0458, 0.3804, 0.3622)$

Have a look what the booklet for
Yxy(63.0458, 0.3804, 0.3622)
contains.

Yxy(63.0097, 0.3808, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.0097, 0.3808, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	FAC5A6
RGB	250, 197, 166
RGB Percent	98%, 77%, 65%
CMY	0.0197, 0.2274, 0.3491
CMYK	0.00, 0.21, 0.34, 0.02
HSL	22°, 89%, 82%
HSV	22°, 34%, 98%
XYZ	66.2637, 63.0097, 44.7385
YIQ	209.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

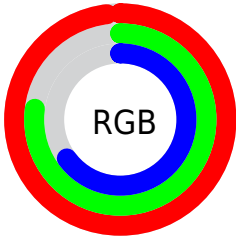
Format	Color
R _Y B	250, 215, 166
Decimal	16434598
CIE Lab	83.45, 14.70, 22.78
CIE LCh	83, 27.107, 57.161
Yxy	63.0097, 0.3808, 0.3621
Android (android.graphics.Color)	4294624678 (0xFFFA5A6)
YUV	209.3130, -21.3533, 35.6825
Hunter-Lab	79.3786, 10.0956, 22.1487

Details

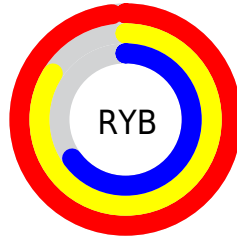
The Yxy color **63.0097, 0.3808, 0.3621** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.6334, 0.2603, 0.2931**, and the grayscale version is **64.0971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3641, 0.3329, 0.3612**, and **32.0663, 0.3979, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **55.3950, 0.4084, 0.3721**, and if you desaturate by 10%, it is **71.5568, 0.3567, 0.3518**.

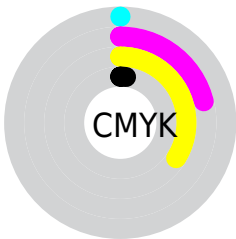
Distribution



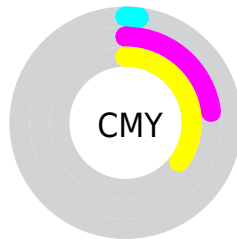
- Red (98%)
- Green (77%)
- Blue (65%)



- Red (98%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0097, 0.3808, 0.3621 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 63.0097, 0.3808, 0.3621 by changing the saturation by 10% instead.


 63.0097, 0.3808,
0.3621


 63.0097, 0.3808,
0.3621


435.6047, 0.3483,
0.3473

 45.8491, 0.3884,
0.3653


 109.1835, 0.3693,
0.3571

 32.1267, 0.3980,
0.3691


 138.9655, 0.3649,
0.3551

 21.4583, 0.4102,
0.3737


173.7233, 0.3611,
0.3534

 13.4594, 0.4263,
0.3794

213.8414, 0.3579,
0.3519

 7.7457, 0.4483,
0.3862

259.7042, 0.3550,
0.3505

 3.9326, 0.4800,
0.3938

311.6961, 0.3525,

 1.6360, 0.5648,

0.3493

0.4277

370.2015, 0.3503,
0.3483

0.3817, 0.6541,
0.3459

0.0000, 0.0000,
0.0000

63.0097, 0.3808,
0.3621

63.0097, 0.3808,
0.3621

55.3950, 0.4084,
0.3721

71.5568, 0.3567,
0.3518

48.6706, 0.4393,
0.3810

81.0590, 0.3361,
0.3418

42.8040, 0.4726,
0.3878

91.5488, 0.3184,
0.3323

37.7570, 0.5067,
0.3911

99.0580, 0.3096,
0.3290

■ 33.4879, 0.5390,
0.3897

■ 29.9498, 0.5666,
0.3830

■ 28.0373, 0.5813,
0.3766

Harmonies

Analogous

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



63.0097, 0.3746, 0.3345



63.0097, 0.3808, 0.3621



63.0097, 0.3676, 0.3832

Triad

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



63.0097, 0.3808, 0.3621



63.0097, 0.2747, 0.3515



63.0097, 0.2835, 0.2739

Complementary

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



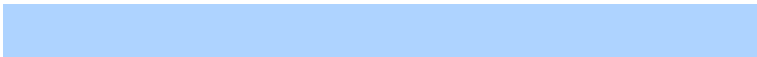
63.0097, 0.3808, 0.3621



65.6334, 0.2603, 0.2931

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.



63.0097, 0.2592, 0.2753



63.0097, 0.3808, 0.3621



63.0097, 0.2544, 0.3184

Square

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



63.0097, 0.3808, 0.3621



63.0097, 0.3058, 0.3789



63.0097, 0.2489, 0.2908



63.0097, 0.3169, 0.2854

Rectangle

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



63.0097, 0.3808, 0.3621



63.0097, 0.3503, 0.3899



63.0097, 0.2489, 0.2908



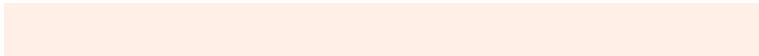
63.0097, 0.2741, 0.2728

Sweetspot

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



63.0127, 0.3808, 0.3621



88.6333, 0.3294, 0.3383



52.7090, 0.3423, 0.2739



18.6473, 0.3320, 0.3397



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

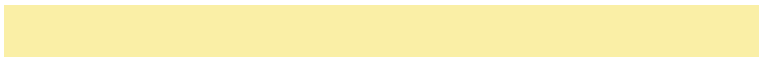
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0127, 0.3808, 0.3621



60.6880, 0.3982, 0.3686



84.6691, 0.3669, 0.4030



18.2757, 0.3285, 0.3378



15.1275, 0.5783, 0.3790



1.5961, 0.5559, 0.3968

Inverse Universe

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



65.6334, 0.2603, 0.2931



63.7761, 0.2506, 0.2849



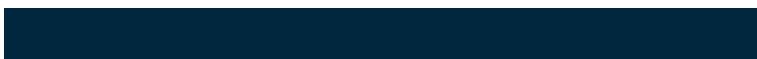
46.5224, 0.2537, 0.2422



18.4671, 0.2980, 0.3200



16.8469, 0.1897, 0.2030



1.7629, 0.1944, 0.2197

Previews

White Background



This preview shows how the Yxy color 63.0097, 0.3808, 0.3621 looks on a white background.

Color Contrast Check

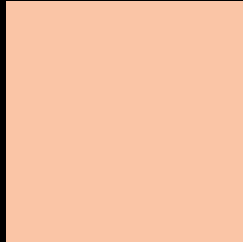
Large Text (above 18pt) WCAG AA × Fail

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 63.0097, 0.3808, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

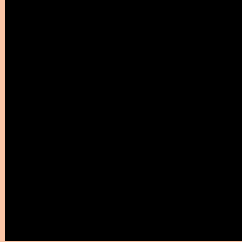
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0097, 0.3808, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 63.0097, 0.3808, 0.3621.



This preview shows how white text looks on a background with the Yxy color 63.0097, 0.3808, 0.3621.

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

63.0097, 0.3808, 0.3621

Protanopia

63.2677, 0.3489, 0.3715

Deuteranopia

63.0799, 0.3748, 0.3670



Tritanopia

62.7887, 0.3528, 0.3136

Trichromacy



Original Color

63.0097, 0.3808, 0.3621

Protanomaly

63.0392, 0.3605, 0.3682

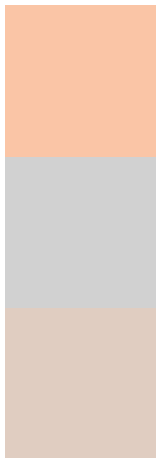
Deuteranomaly

63.1563, 0.3776, 0.3656

Tritanomaly

62.7842, 0.3639, 0.3312

Monochromacy



Original Color

63.0097, 0.3808, 0.3621

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3602, 0.3363, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0097, 0.3808, 0.3621 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, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 166)  
}
```

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, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 166) }
```

Border

The CSS property to change the border of an element to Yxy 63.0097, 0.3808, 0.3621 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, 197, 166) }
```

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

```
.border{ border-color:rgb(250, 197, 166) }
```

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

Here you see how a box with a 4 pixel rgb(250, 197, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0097, 0.3808, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 166) }
```

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

```
.background{ background-color: rgb(250,  
197, 166) }
```

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