

Converting Colors

$Yxy(64.0186, 0.3950, 0.3762)$

Have a look what the booklet for
Yxy(64.0186, 0.3950, 0.3762)
contains.

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Color

Yxy(63.9481, 0.3950, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	FFC699
RGB	255, 198, 153
RGB Percent	100%, 78%, 60%
CMY	0.0001, 0.2235, 0.3999
CMYK	0.00, 0.22, 0.40, 0.00
HSL	26°, 100%, 80%
HSV	26°, 40%, 100%
XYZ	67.1795, 63.9481, 38.9471
YIQ	209.9130, 48.4170, -1.9110

Conversions

Conversions Part 2

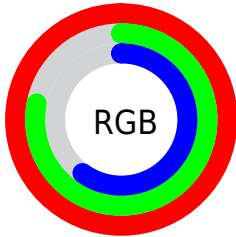
Format	Color
R _Y B	255, 234, 153
Decimal	16762521
CIE Lab	83.94, 14.62, 30.34
CIE LCh	84, 33.674, 64.277
Yxy	63.9481, 0.3950, 0.3760
Android (android.graphics.Color)	4294952601 (0xFFFFC699)
YUV	209.9130, -28.0581, 39.5413
Hunter-Lab	79.9676, 10.0119, 27.1009

Details

The Yxy color **63.9481, 0.3950, 0.3760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0789, 0.2492, 0.2760**, and the grayscale version is **64.5544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **32.6219, 0.4154, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **56.9867, 0.4226, 0.3873**, and if you desaturate by 10%, it is **71.7082, 0.3701, 0.3640**.

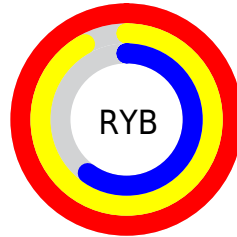
Distribution



Red (100%)

Green (78%)

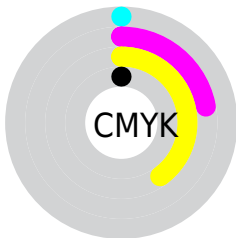
Blue (60%)



Red (100%)

Yellow (92%)

Blue (60%)

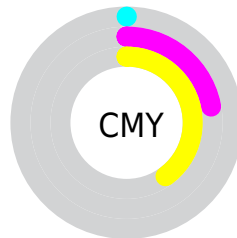


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9481, 0.3950, 0.3760 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 63.9481, 0.3950, 0.3760 by changing the saturation by 10% instead.

 63.9481, 0.3950,
0.3760


 63.9481, 0.3950,
0.3760


439.0022, 0.3560,
0.3552

 46.6086, 0.4040,
0.3804


 110.5362, 0.3813,
0.3690

 32.7264, 0.4152,
0.3856

 140.5536, 0.3761,
0.3662

 21.9169, 0.4293,
0.3919


175.5658, 0.3715,
0.3638

 13.7959, 0.4475,
0.3992

215.9572, 0.3676,
0.3616

 7.9788, 0.4718,
0.4076

262.1121, 0.3641,
0.3597

 4.0814, 0.5055,
0.4165

314.4150, 0.3611,

 1.7192, 0.5674,

0.3580

0.4326

373.2502, 0.3584,
0.3565

0.4360, 0.6388,
0.3612

0.0000, 0.0000,
0.0000

63.9481, 0.3950,
0.3760

63.9481, 0.3950,
0.3760

56.9867, 0.4226,
0.3873

71.7082, 0.3701,
0.3640

50.7864, 0.4524,
0.3967

80.2846, 0.3482,
0.3518

45.3199, 0.4830,
0.4030

89.7056, 0.3292,
0.3401

40.5540, 0.5127,
0.4049

99.9945, 0.3127,
0.3290

■ 36.4517, 0.5392, 99.9962, 0.3127,
0.4013 0.3290

■ 32.9637, 0.5610,
0.3927

■ 32.9597, 0.5610,
0.3927

Harmonies

Analogous

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



63.9481, 0.3935, 0.3431



63.9481, 0.3950, 0.3760



63.9481, 0.3733, 0.3996

Triad

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



63.9481, 0.3950, 0.3760



63.9481, 0.2585, 0.3470



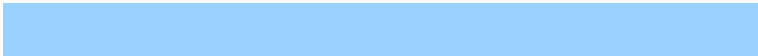
63.9481, 0.2856, 0.2640

Complementary

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



63.9481, 0.3950, 0.3760



60.0789, 0.2492, 0.2760

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.



63.9481, 0.2529, 0.2615



63.9481, 0.3950, 0.3760



63.9481, 0.2381, 0.3061

Square

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



63.9481, 0.3950, 0.3760



63.9481, 0.2939, 0.3849



63.9481, 0.2362, 0.2756



63.9481, 0.3278, 0.2812

Rectangle

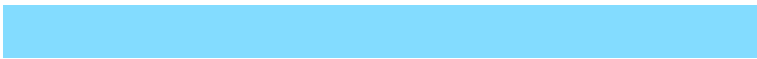
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9481, 0.3950, 0.3760



63.9481, 0.3494, 0.4055



63.9481, 0.2362, 0.2756



63.9481, 0.2732, 0.2614

Sweetspot

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



63.9511, 0.3950, 0.3760



87.7565, 0.3328, 0.3424



48.7380, 0.3563, 0.2699



18.5144, 0.3352, 0.3439



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.



63.9511, 0.3950, 0.3760



58.3196, 0.4169, 0.3851



90.8037, 0.3752, 0.4227



19.3062, 0.3283, 0.3395



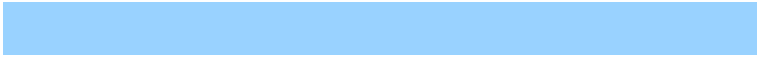
17.5113, 0.5582, 0.3950



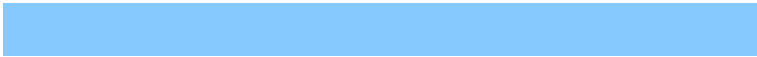
1.9184, 0.5386, 0.4106

Inverse Universe

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



60.0789, 0.2492, 0.2760



53.9407, 0.2369, 0.2632



39.0710, 0.2394, 0.2139



19.0613, 0.2979, 0.3182



14.2573, 0.1826, 0.1775



1.6061, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 63.9481, 0.3950, 0.3760 looks on a white background.

Color Contrast Check

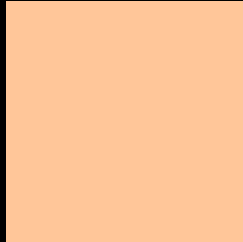
Large Text (above 18pt) WCAG AA × Fail

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 63.9481, 0.3950, 0.3760 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 63.9481, 0.3950, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 63.9481, 0.3950, 0.3760.



This preview shows how white text looks on a background with the Yxy color 63.9481, 0.3950, 0.3760.

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

63.9481, 0.3950, 0.3760

Protanopia

63.9168, 0.3615, 0.3870

Deuteranopia

63.9967, 0.3888, 0.3812



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

63.9481, 0.3950, 0.3760

Protanomaly

63.7251, 0.3734, 0.3832

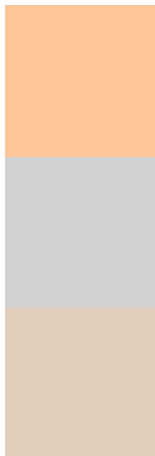
Deuteranomaly

64.0848, 0.3917, 0.3797

Tritanomaly

63.8781, 0.3684, 0.3375

Monochromacy



Original Color

63.9481, 0.3950, 0.3760

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9855, 0.3407, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9481, 0.3950, 0.3760 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(255, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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(255, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 153) }
```

Border

The CSS property to change the border of an element to Yxy 63.9481, 0.3950, 0.3760 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(255, 198, 153) }
```

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

```
.border{ border-color:rgb(255, 198, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9481, 0.3950, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 153) }
```

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

```
.background{ background-color: rgb(255,  
198, 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](#).

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