

Converting Colors

$Yxy(67.7758, 0.3934, 0.3868)$

Have a look what the booklet for
Yxy(67.7758, 0.3934, 0.3868)
contains.

Yxy(67.6046, 0.3939, 0.3870)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6046, 0.3939, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE96
RGB	255, 206, 150
RGB Percent	100%, 81%, 59%
CMY	0.0001, 0.1921, 0.4118
CMYK	0.00, 0.19, 0.41, 0.00
HSL	32°, 100%, 79%
HSV	32°, 41%, 100%
XYZ	68.8100, 67.6046, 38.2743
YIQ	214.2670, 47.1800, -7.0280

Conversions

Conversions Part 2

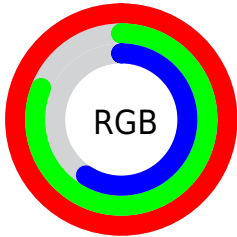
Format	Color
R _Y B	242, 255, 150
Decimal	16764566
CIE Lab	85.81, 10.13, 34.38
CIE LCh	86, 35.844, 73.582
Yxy	67.6046, 0.3939, 0.3870
Android (android.graphics.Color)	4294954646 (0xFFFFCE96)
YUV	214.2670, -31.6836, 35.7228
Hunter-Lab	82.2220, 5.4945, 29.9559

Details

The Yxy color **67.6046, 0.3939, 0.3870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5303, 0.2454, 0.2622**, and the grayscale version is **67.6287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **35.0741, 0.4128, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **61.3623, 0.4190, 0.4003**, and if you desaturate by 10%, it is **74.4653, 0.3707, 0.3727**.

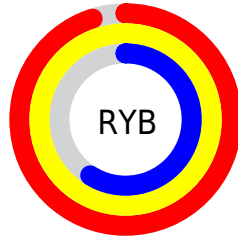
Distribution



Red (100%)

Green (81%)

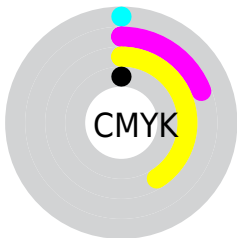
Blue (59%)



Red (95%)

Yellow (100%)

Blue (59%)

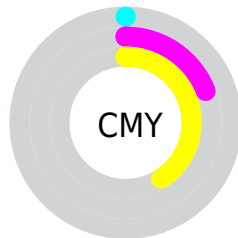


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6046, 0.3939, 0.3870 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 67.6046, 0.3939, 0.3870 by changing the saturation by 10% instead.


 67.6046, 0.3939,
0.3870


 67.6046, 0.3939,
0.3870


452.0938, 0.3560,
0.3611

 49.5761, 0.4025,
0.3925


 115.7863, 0.3808,
0.3783

 35.0767, 0.4130,
0.3991


 146.7083, 0.3757,
0.3748

 23.7220, 0.4261,
0.4070


182.6970, 0.3713,
0.3718

 15.1275, 0.4427,
0.4164

224.1367, 0.3674,
0.3691

 8.9089, 0.4642,
0.4275

271.4119, 0.3640,
0.3668

 4.6818, 0.4932,
0.4403

324.9068, 0.3611,

 2.0618, 0.5407,

0.3647

0.4593

385.0060, 0.3584,
0.3628

0.6430, 0.5718,
0.4282

0.0000, 0.0000,
0.0000

67.6046, 0.3939,
0.3870

67.6046, 0.3939,
0.3870

61.3623, 0.4190,
0.4003

74.4653, 0.3707,
0.3727

55.7075, 0.4452,
0.4116

81.9545, 0.3497,
0.3582

50.6205, 0.4714,
0.4195

90.0944, 0.3310,
0.3440

46.0760, 0.4961,
0.4228

98.9028, 0.3145,
0.3305

■ 42.0452, 0.5176,
0.4206

99.9958, 0.3127,
0.3290

■ 38.8805, 0.5336,
0.4145

Harmonies

Analogous

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



67.6046, 0.4005, 0.3546



67.6046, 0.3939, 0.3870



67.6046, 0.3649, 0.4069

Triad

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



67.6046, 0.3939, 0.3870



67.6046, 0.2476, 0.3339



67.6046, 0.2974, 0.2654

Complementary

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



67.6046, 0.3939, 0.3870



54.5303, 0.2454, 0.2622

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.



67.6046, 0.2593, 0.2577



67.6046, 0.3939, 0.3870



67.6046, 0.2323, 0.2934

Square

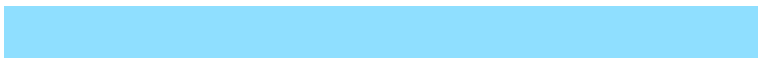
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6046, 0.3939, 0.3870



67.6046, 0.2803, 0.3766



67.6046, 0.2364, 0.2668



67.6046, 0.3425, 0.2873

Rectangle

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



67.6046, 0.3939, 0.3870



67.6046, 0.3377, 0.4082



67.6046, 0.2364, 0.2668



67.6046, 0.2834, 0.2611

Sweetspot

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



67.6078, 0.3939, 0.3870



89.4135, 0.3324, 0.3451



47.1904, 0.3685, 0.2784



18.9040, 0.3348, 0.3470



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.



67.6078, 0.3939, 0.3870



62.6805, 0.4134, 0.3976



94.3059, 0.3720, 0.4320



19.5922, 0.3281, 0.3417



20.6219, 0.5312, 0.4164



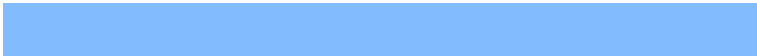
2.2267, 0.5149, 0.4293

Inverse Universe

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



54.5303, 0.2454, 0.2622



48.0755, 0.2325, 0.2467



35.8510, 0.2379, 0.2022



18.7744, 0.2979, 0.3160



10.9503, 0.1740, 0.1463



1.2824, 0.1799, 0.1677

Previews

White Background



This preview shows how the Yxy color 67.6046, 0.3939, 0.3870 looks on a white background.

Color Contrast Check

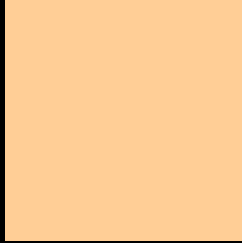
Large Text (above 18pt) WCAG AA × Fail

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 67.6046, 0.3939, 0.3870 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 67.6046, 0.3939, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 67.6046, 0.3939, 0.3870.



This preview shows how white text looks on a background with the Yxy color 67.6046, 0.3939, 0.3870.

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

67.6046, 0.3939, 0.3870

Protanopia

67.9229, 0.3681, 0.3964

Deuteranopia

67.6696, 0.3924, 0.3850



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.6046, 0.3939, 0.3870

Protanomaly

67.9121, 0.3772, 0.3927

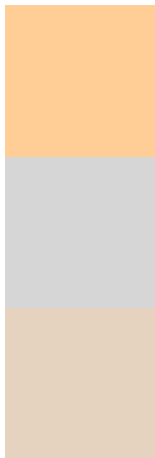
Deuteranomaly

67.6370, 0.3932, 0.3860

Tritanomaly

67.2188, 0.3641, 0.3416

Monochromacy



Original Color

67.6046, 0.3939, 0.3870

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0081, 0.3407, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6046, 0.3939, 0.3870 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, 206, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 150)  
}
```

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, 206, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 150) }
```

Border

The CSS property to change the border of an element to Yxy 67.6046, 0.3939, 0.3870 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, 206, 150) }
```

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

```
.border{ border-color:rgb(255, 206, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6046, 0.3939, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 150) }
```

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

```
.background{ background-color: rgb(255,  
206, 150) }
```

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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