

Converting Colors

$Yxy(78.0051, 0.4797, 0.3632)$

Have a look what the booklet for
Yxy(78.0051, 0.4797, 0.3632)
contains.

Yxy(57.3760, 0.4139, 0.3771)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3760, 0.4139, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	FFB88A
RGB	255, 184, 138
RGB Percent	100%, 72%, 54%
CMY	0.0000, 0.2785, 0.4588
CMYK	0.00, 0.28, 0.46, 0.00
HSL	24°, 100%, 77%
HSV	24°, 46%, 100%
XYZ	62.9751, 57.3760, 31.7995
YIQ	199.9850, 57.0820, 0.7460

Conversions

Conversions Part 2

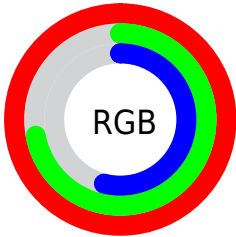
Format	Color
R _Y B	255, 214, 138
Decimal	16758922
CIE Lab	80.39, 20.42, 33.50
CIE LCh	80, 39.229, 58.638
Yxy	57.3760, 0.4139, 0.3771
Android (android.graphics.Color)	4294949002 (0xFFFFB88A)
YUV	199.9850, -30.5586, 48.2482
Hunter-Lab	75.7469, 15.8457, 28.1322

Details

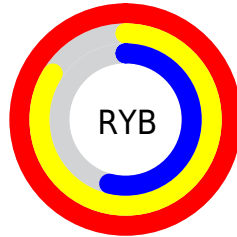
The Yxy color **57.3760, 0.4139, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.2266, 0.2413, 0.2737**, and the grayscale version is **57.9116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3859, 0.3535, 0.3771**, and **28.6565, 0.4400, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **50.6384, 0.4446, 0.3862**, and if you desaturate by 10%, it is **64.9859, 0.3861, 0.3667**.

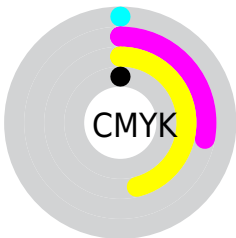
Distribution



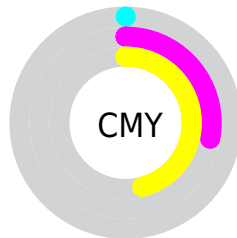
- Red (100%)
- Green (72%)
- Blue (54%)



- Red (100%)
- Yellow (84%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3760, 0.4139, 0.3771 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 57.3760, 0.4139, 0.3771 by changing the saturation by 10% instead.


 57.3760, 0.4139,
0.3771


 57.3760, 0.4139,
0.3771


414.8567, 0.3650,
0.3562


 41.3072, 0.4254,
0.3813


 101.0136, 0.3967,
0.3703

 28.5592, 0.4396,
0.3861


 129.3512, 0.3900,
0.3675

 18.7476, 0.4576,
0.3915


 162.5472, 0.3843,
0.3650

 11.4881, 0.4809,
0.3973

200.9860, 0.3794,
0.3628

 6.3961, 0.5118,
0.4022

245.0519, 0.3751,
0.3609

 3.0874, 0.5694,
0.4150

295.1294, 0.3714,

 1.1775, 0.6093,

0.3592

0.3907

351.6029, 0.3680,
0.3576

0.0432, 0.9258,
0.0742

0.0000, 0.0000,
0.0000

57.3760, 0.4139,
0.3771

57.3760, 0.4139,
0.3771

50.6384, 0.4446,
0.3862

64.9859, 0.3861,
0.3667

44.7449, 0.4773,
0.3929

73.5073, 0.3616,
0.3558

39.6557, 0.5101,
0.3957

82.9689, 0.3404,
0.3450

35.3293, 0.5405,
0.3935

93.3999, 0.3222,
0.3347

■ 31.7188, 0.5658,
0.3858

100.0000, 0.3127,
0.3290

■ 30.4215, 0.5749,
0.3817

Harmonies

Analogous

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



57.3760, 0.4069, 0.3371



57.3760, 0.4139, 0.3771



57.3760, 0.3918, 0.4094

Triad

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



57.3760, 0.4139, 0.3771



57.3760, 0.2542, 0.3602



57.3760, 0.2713, 0.2499

Complementary

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



57.3760, 0.4139, 0.3771



58.2266, 0.2413, 0.2737

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.



57.3760, 0.2360, 0.2500



57.3760, 0.4139, 0.3771



57.3760, 0.2267, 0.3091

Square

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



57.3760, 0.4139, 0.3771



57.3760, 0.2986, 0.4043



57.3760, 0.2205, 0.2698



57.3760, 0.3206, 0.2673

Rectangle

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



57.3760, 0.4139, 0.3771



57.3760, 0.3648, 0.4208



57.3760, 0.2205, 0.2698



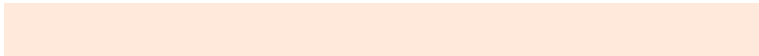
57.3760, 0.2576, 0.2479

Sweetspot

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



57.3738, 0.4139, 0.3771



84.8576, 0.3367, 0.3430



44.0975, 0.3595, 0.2558



17.7003, 0.3409, 0.3453



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.



57.3738, 0.4139, 0.3771



51.1984, 0.4418, 0.3855



86.2129, 0.3865, 0.4306



19.1584, 0.3284, 0.3384



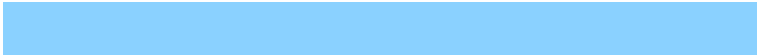
16.1660, 0.5720, 0.3840



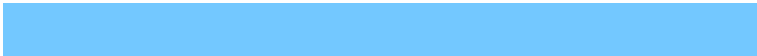
1.7795, 0.5510, 0.4007

Inverse Universe

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



58.2266, 0.2413, 0.2737



52.0940, 0.2285, 0.2604



34.9662, 0.2283, 0.2010



19.2124, 0.2979, 0.3194



16.2786, 0.1874, 0.1945



1.7980, 0.1921, 0.2114

Previews

White Background



This preview shows how the Yxy color 57.3760, 0.4139, 0.3771 looks on a white background.

Color Contrast Check

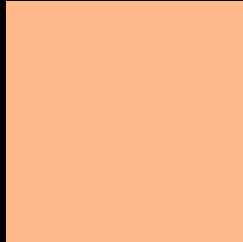
Large Text (above 18pt) WCAG AA × Fail

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 57.3760, 0.4139, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

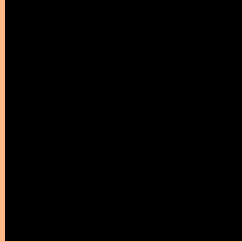
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3760, 0.4139, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 57.3760, 0.4139, 0.3771.



This preview shows how white text looks on a background with the Yxy color 57.3760, 0.4139, 0.3771.

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

57.3760, 0.4139, 0.3771

Protanopia

57.8000, 0.3667, 0.3940

Deuteranopia

57.4185, 0.3974, 0.3884



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.3760, 0.4139, 0.3771

Protanomaly

57.3596, 0.3843, 0.3880

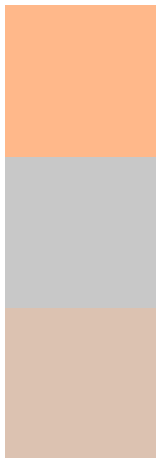
Deuteranomaly

57.1851, 0.4041, 0.3841

Tritanomaly

57.2863, 0.3855, 0.3387

Monochromacy



Original Color

57.3760, 0.4139, 0.3771

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9735, 0.3474, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3760, 0.4139, 0.3771 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, 184, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 138)  
}
```

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, 184, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 138) }
```

Border

The CSS property to change the border of an element to Yxy 57.3760, 0.4139, 0.3771 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, 184, 138) }
```

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

```
.border{ border-color:rgb(255, 184, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3760, 0.4139, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 138) }
```

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

```
.background{ background-color: rgb(255,  
184, 138) }
```

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