

Converting Colors

$Y_{xy}(71.1057, 0.4403, 0.3768)$

Have a look what the booklet for
Yxy(71.1057, 0.4403, 0.3768)
contains.

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Color

Yxy(62.2133, 0.4059, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38D
RGB	255, 195, 141
RGB Percent	100%, 76%, 55%
CMY	0.0001, 0.2352, 0.4472
CMYK	0.00, 0.24, 0.45, 0.00
HSL	28°, 100%, 78%
HSV	28°, 45%, 100%
XYZ	65.5565, 62.2133, 33.7392
YIQ	206.7840, 53.0940, -4.0740

Conversions

Conversions Part 2

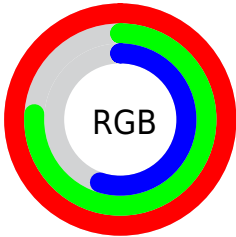
Format	Color
R _Y B	255, 244, 141
Decimal	16761741
CIE Lab	83.03, 14.93, 35.40
CIE LCh	83, 38.417, 67.130
Yxy	62.2133, 0.4059, 0.3852
Android (android.graphics.Color)	4294951821 (0xFFFFC38D)
YUV	206.7840, -32.4315, 42.2854
Hunter-Lab	78.8754, 10.3266, 29.8513

Details

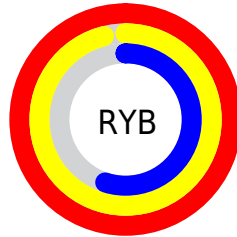
The Yxy color **62.2133, 0.4059, 0.3852** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.6226, 0.2410, 0.2638**, and the grayscale version is **62.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8209, 0.3490, 0.3853**, and **31.5237, 0.4287, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **55.7996, 0.4335, 0.3965**, and if you desaturate by 10%, it is **69.3475, 0.3805, 0.3726**.

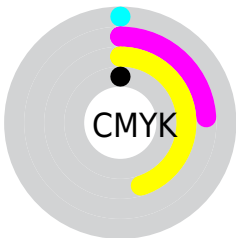
Distribution



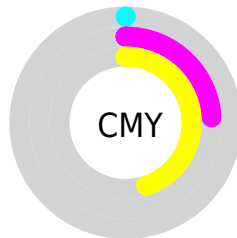
- Red (100%)
- Green (76%)
- Blue (55%)



- Red (100%)
- Yellow (96%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2133, 0.4059, 0.3852 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 62.2133, 0.4059, 0.3852 by changing the saturation by 10% instead.


 62.2133, 0.4059,
0.3852

 62.2133, 0.4059,
0.3852


432.7087, 0.3617,
0.3604


 45.2051, 0.4160,
0.3904


 108.0337, 0.3905,
0.3769

 31.6190, 0.4285,
0.3964


 137.6148, 0.3845,
0.3736

 21.0706, 0.4442,
0.4035


 172.1555, 0.3794,
0.3707

 13.1756, 0.4641,
0.4115

212.0403, 0.3749,
0.3682

 7.5496, 0.4901,
0.4201

257.6537, 0.3710,
0.3659

 3.8081, 0.5320,
0.4337

309.3799, 0.3675,

 1.5668, 0.5714,

0.3638

0.4286

367.6035, 0.3645,
0.3620

0.3351, 0.6709,
0.3291

0.0000, 0.0000,
0.0000

62.2133, 0.4059,
0.3852

62.2133, 0.4059,
0.3852

55.7996, 0.4335,
0.3965

69.3475, 0.3805,
0.3726

50.0712, 0.4625,
0.4054

77.2178, 0.3577,
0.3596

45.0026, 0.4913,
0.4105

85.8505, 0.3377,
0.3468

40.5624, 0.5181,
0.4106

95.2675, 0.3202,
0.3345

■ 36.7149, 0.5409,
0.4051

99.9970, 0.3127,
0.3290

■ 34.9004, 0.5514,
0.4004

Harmonies

Analogous

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



62.2133, 0.4073, 0.3481



62.2133, 0.4059, 0.3852



62.2133, 0.3783, 0.4117

Triad

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



62.2133, 0.4059, 0.3852



62.2133, 0.2475, 0.3448



62.2133, 0.2856, 0.2564

Complementary

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



62.2133, 0.4059, 0.3852



54.6226, 0.2410, 0.2638

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.



62.2133, 0.2472, 0.2515



62.2133, 0.4059, 0.3852



62.2133, 0.2265, 0.2980

Square

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



62.2133, 0.4059, 0.3852



62.2133, 0.2863, 0.3905



62.2133, 0.2266, 0.2652



62.2133, 0.3346, 0.2772

Rectangle

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



62.2133, 0.4059, 0.3852



62.2133, 0.3500, 0.4175



62.2133, 0.2266, 0.2652



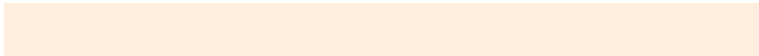
62.2133, 0.2711, 0.2528

Sweetspot

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



62.2163, 0.4059, 0.3852



87.4215, 0.3345, 0.3446



44.5510, 0.3675, 0.2667



18.2833, 0.3386, 0.3474



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.



62.2163, 0.4059, 0.3852



56.2431, 0.4315, 0.3958



92.2882, 0.3808, 0.4361



19.4073, 0.3282, 0.3403



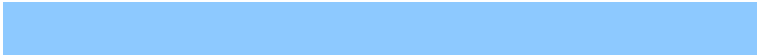
18.5328, 0.5487, 0.4025



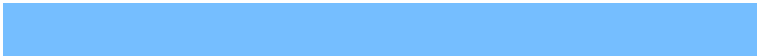
2.0213, 0.5301, 0.4173

Inverse Universe

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



54.6226, 0.2410, 0.2638



47.7309, 0.2268, 0.2473



33.0590, 0.2286, 0.1932



18.9591, 0.2979, 0.3174



13.0007, 0.1795, 0.1661



1.4847, 0.1850, 0.1860

Previews

White Background



This preview shows how the Yxy color 62.2133, 0.4059, 0.3852 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 62.2133, 0.4059, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

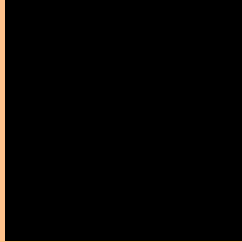
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2133, 0.4059, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 62.2133, 0.4059, 0.3852.



This preview shows how white text looks on a background with the Yxy color 62.2133, 0.4059, 0.3852.

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

62.2133, 0.4059, 0.3852

Protanopia

62.3889, 0.3702, 0.3986

Deuteranopia

62.2381, 0.3994, 0.3906



Tritanopia

62.3512, 0.3572, 0.3167

Trichromacy



Original Color

62.2133, 0.4059, 0.3852

Protanomaly

62.3877, 0.3832, 0.3942

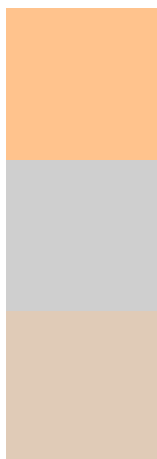
Deuteranomaly

62.3352, 0.4024, 0.3890

Tritanomaly

62.2546, 0.3751, 0.3417

Monochromacy



Original Color

62.2133, 0.4059, 0.3852

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9781, 0.3442, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2133, 0.4059, 0.3852 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, 195, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 141)  
}
```

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, 195, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 141) }
```

Border

The CSS property to change the border of an element to Yxy 62.2133, 0.4059, 0.3852 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, 195, 141) }
```

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

```
.border{ border-color:rgb(255, 195, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2133, 0.4059, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 141) }
```

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

```
.background{ background-color: rgb(255,  
195, 141) }
```

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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