

Converting Colors

$Y_{xy}(63.1038, 0.4125, 0.3750)$

Have a look what the booklet for
Yxy(63.1038, 0.4125, 0.3750)
contains.

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Color

Yxy(61.0346, 0.4033, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	FFC092
RGB	255, 192, 146
RGB Percent	100%, 75%, 57%
CMY	0.0001, 0.2470, 0.4274
CMYK	0.00, 0.25, 0.43, 0.00
HSL	25°, 100%, 79%
HSV	25°, 43%, 100%
XYZ	65.2751, 61.0346, 35.5428
YIQ	205.5930, 52.3140, -0.9500

Conversions

Conversions Part 2

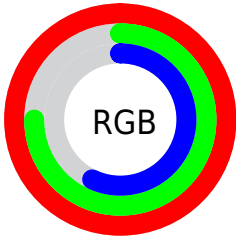
Format	Color
R _Y B	255, 226, 146
Decimal	16760978
CIE Lab	82.40, 17.01, 31.94
CIE LCh	82, 36.189, 61.963
Yxy	61.0346, 0.4033, 0.3771
Android (android.graphics.Color)	4294951058 (0xFFFFC092)
YUV	205.5930, -29.3793, 43.3299
Hunter-Lab	78.1246, 12.4232, 27.7133

Details

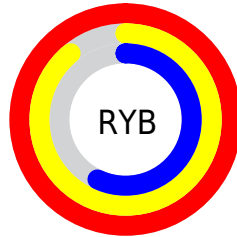
The Yxy color **61.0346, 0.4033, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.9306, 0.2453, 0.2743**, and the grayscale version is **61.6162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5649, 0.3467, 0.3766**, and **30.7389, 0.4260, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **54.1791, 0.4322, 0.3875**, and if you desaturate by 10%, it is **68.7210, 0.3772, 0.3657**.

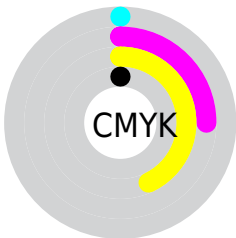
Distribution



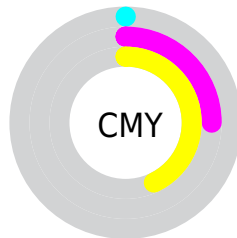
- Red (100%)
- Green (75%)
- Blue (57%)



- Red (100%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0346, 0.4033, 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 61.0346, 0.4033, 0.3771 by changing the saturation by 10% instead.


 61.0346, 0.4033,
0.3771


 61.0346, 0.4033,
0.3771


428.4009, 0.3600,
0.3559

 44.2531, 0.4134,
0.3815

 106.3290, 0.3881,
0.3701

 30.8695, 0.4258,
0.3867


 135.6107, 0.3822,
0.3672

 20.4995, 0.4416,
0.3927


169.8280, 0.3772,
0.3647

 12.7587, 0.4620,
0.3995

209.3651, 0.3728,
0.3626

 7.2626, 0.4891,
0.4068

254.6066, 0.3690,
0.3606

 3.6268, 0.5304,
0.4161

305.9368, 0.3657,

 1.4671, 0.5841,

0.3589

0.4159

363.7401, 0.3627,
0.3573

0.2654, 0.7155,
0.2845

0.0000, 0.0000,
0.0000

61.0346, 0.4033,
0.3771

61.0346, 0.4033,
0.3771

54.1791, 0.4322,
0.3875

68.7210, 0.3772,
0.3657

48.1147, 0.4632,
0.3957

77.2583, 0.3542,
0.3540

42.8112, 0.4948,
0.4005

86.6770, 0.3342,
0.3426

38.2323, 0.5248,
0.4006

97.0031, 0.3170,
0.3318

■ 34.3372, 0.5508,
0.3951

99.9971, 0.3127,
0.3290

■ 31.9024, 0.5666,
0.3883

Harmonies

Analogous

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



61.0346, 0.3998, 0.3410



61.0346, 0.4033, 0.3771



61.0346, 0.3811, 0.4044

Triad

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



61.0346, 0.4033, 0.3771



61.0346, 0.2561, 0.3521



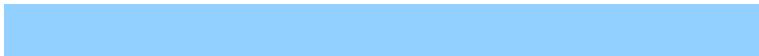
61.0346, 0.2798, 0.2578

Complementary

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



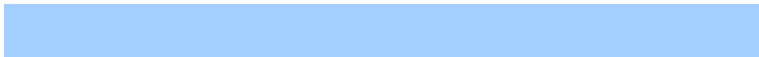
61.0346, 0.4033, 0.3771



58.9306, 0.2453, 0.2743

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.



61.0346, 0.2457, 0.2562



61.0346, 0.4033, 0.3771



61.0346, 0.2327, 0.3068

Square

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



61.0346, 0.4033, 0.3771



61.0346, 0.2953, 0.3930



61.0346, 0.2292, 0.2727



61.0346, 0.3254, 0.2753

Rectangle

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



61.0346, 0.4033, 0.3771



61.0346, 0.3557, 0.4125



61.0346, 0.2292, 0.2727



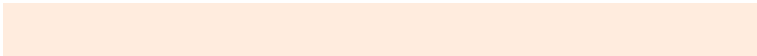
61.0346, 0.2667, 0.2554

Sweetspot

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



61.0375, 0.4033, 0.3771



86.4256, 0.3347, 0.3429



46.4541, 0.3587, 0.2641



18.0382, 0.3389, 0.3454



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.



61.0375, 0.4033, 0.3771



55.3173, 0.4270, 0.3858



89.1867, 0.3801, 0.4272



19.2471, 0.3284, 0.3391



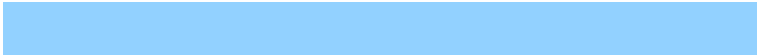
16.9522, 0.5638, 0.3906



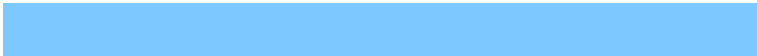
1.8612, 0.5435, 0.4066

Inverse Universe

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



58.9306, 0.2453, 0.2743



52.9358, 0.2330, 0.2615



36.8087, 0.2340, 0.2068



19.1215, 0.2979, 0.3187



15.0391, 0.1845, 0.1842



1.6807, 0.1895, 0.2022

Previews

White Background



This preview shows how the Yxy color 61.0346, 0.4033, 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 61.0346, 0.4033, 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 61.0346, 0.4033, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 61.0346, 0.4033, 0.3771.



This preview shows how white text looks on a background with the Yxy color 61.0346, 0.4033, 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

61.0346, 0.4033, 0.3771

Protanopia

61.1453, 0.3639, 0.3903

Deuteranopia

61.2099, 0.3926, 0.3852



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

61.0346, 0.4033, 0.3771

Protanomaly

60.8342, 0.3781, 0.3849

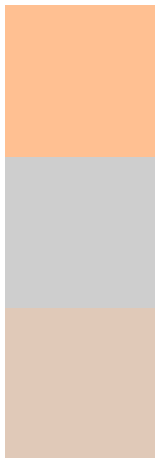
Deuteranomaly

61.0310, 0.3969, 0.3824

Tritanomaly

60.9505, 0.3760, 0.3386

Monochromacy



Original Color

61.0346, 0.4033, 0.3771

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0813, 0.3438, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0346, 0.4033, 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, 192, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 146)  
}
```

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, 192, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 146) }
```

Border

The CSS property to change the border of an element to Yxy 61.0346, 0.4033, 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, 192, 146) }
```

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

```
.border{ border-color:rgb(255, 192, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0346, 0.4033, 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, 192, 146) }
```

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

```
.background{ background-color: rgb(255,  
192, 146) }
```

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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