

Converting Colors

$Y_{xy}(80.3415, 0.4647, 0.3631)$

Have a look what the booklet for
Yxy(80.3415, 0.4647, 0.3631)
contains.

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Color

Yxy(61.0974, 0.4017, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFC094
RGB	255, 192, 148
RGB Percent	100%, 75%, 58%
CMY	0.0001, 0.2470, 0.4197
CMYK	0.00, 0.25, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.4301, 61.0974, 36.3555
YIQ	205.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

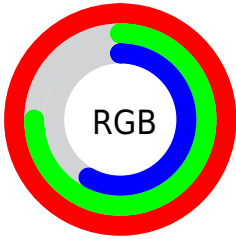
Format	Color
R _Y B	255, 223, 148
Decimal	16760980
CIE Lab	82.43, 17.21, 30.96
CIE LCh	82, 35.422, 60.925
Yxy	61.0974, 0.4017, 0.3751
Android (android.graphics.Color)	4294951060 (0xFFFFC094)
YUV	205.8210, -28.5058, 43.1300
Hunter-Lab	78.1648, 12.6300, 27.1388

Details

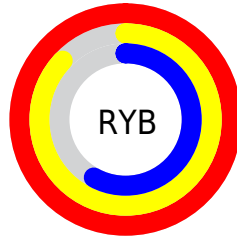
The Yxy color **61.0974, 0.4017, 0.3751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0819, 0.2467, 0.2769**, and the grayscale version is **61.7627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6591, 0.3455, 0.3746**, and **30.7758, 0.4238, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **54.1217, 0.4308, 0.3853**, and if you desaturate by 10%, it is **68.9288, 0.3756, 0.3639**.

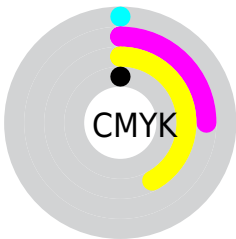
Distribution



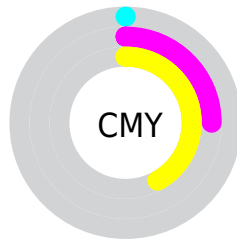
- Red (100%)
- Green (75%)
- Blue (58%)



- Red (100%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0974, 0.4017, 0.3751 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 61.0974, 0.4017, 0.3751 by changing the saturation by 10% instead.


 61.0974, 0.4017,
0.3751

 61.0974, 0.4017,
0.3751


428.6310, 0.3591,
0.3548

 44.3038, 0.4116,
0.3793


 106.4200, 0.3867,
0.3684

 30.9094, 0.4239,
0.3843


 135.7177, 0.3810,
0.3656

 20.5299, 0.4395,
0.3901


169.9522, 0.3760,
0.3633

 12.7808, 0.4598,
0.3967

209.5080, 0.3717,
0.3612

 7.2778, 0.4867,
0.4037

254.7693, 0.3680,
0.3593

 3.6364, 0.5268,
0.4120

306.1207, 0.3647,

 1.4723, 0.5850,

0.3576

0.4150

363.9465, 0.3618,
0.3561

0.2691, 0.7152,
0.2848

0.0000, 0.0000,
0.0000

61.0974, 0.4017,
0.3751

61.0974, 0.4017,
0.3751

54.1217, 0.4308,
0.3853

68.9288, 0.3756,
0.3639

47.9610, 0.4621,
0.3935

77.6370, 0.3527,
0.3525

42.5841, 0.4942,
0.3984

87.2533, 0.3328,
0.3415

37.9535, 0.5249,
0.3986

97.8045, 0.3158,
0.3310

■ 34.0276, 0.5518,
0.3934

99.9972, 0.3127,
0.3290

■ 31.3439, 0.5697,
0.3859

Harmonies

Analogous

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



61.0974, 0.3973, 0.3396



61.0974, 0.4017, 0.3751



61.0974, 0.3808, 0.4022

Triad

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



61.0974, 0.4017, 0.3751



61.0974, 0.2584, 0.3532



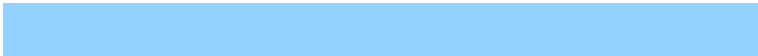
61.0974, 0.2791, 0.2589

Complementary

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



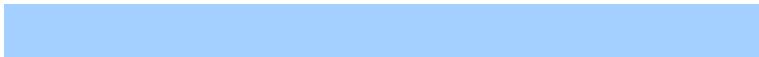
61.0974, 0.4017, 0.3751



60.0819, 0.2467, 0.2769

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.



61.0974, 0.2461, 0.2579



61.0974, 0.4017, 0.3751



61.0974, 0.2348, 0.3088

Square

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



61.0974, 0.4017, 0.3751



61.0974, 0.2973, 0.3926



61.0974, 0.2306, 0.2748



61.0974, 0.3235, 0.2756

Rectangle

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



61.0974, 0.4017, 0.3751



61.0974, 0.3563, 0.4105



61.0974, 0.2306, 0.2748



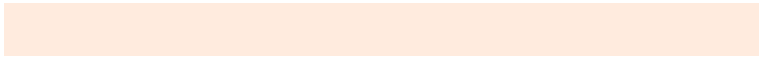
61.0974, 0.2664, 0.2567

Sweetspot

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



61.1003, 0.4017, 0.3751



86.2237, 0.3348, 0.3426



47.1960, 0.3559, 0.2635



17.9886, 0.3390, 0.3450



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.



61.1003, 0.4017, 0.3751



55.4327, 0.4248, 0.3835



88.2683, 0.3796, 0.4240



19.2146, 0.3284, 0.3388



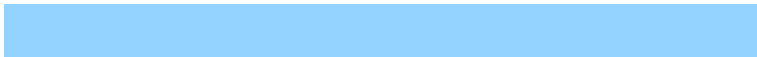
16.6567, 0.5668, 0.3882



1.8307, 0.5463, 0.4044

Inverse Universe

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



60.0819, 0.2467, 0.2769



54.2643, 0.2348, 0.2648



38.2026, 0.2360, 0.2116



19.1548, 0.2979, 0.3190



15.4841, 0.1855, 0.1879



1.7230, 0.1905, 0.2056

Previews

White Background



This preview shows how the Yxy color 61.0974, 0.4017, 0.3751 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 61.0974, 0.4017, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

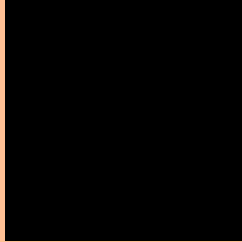
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0974, 0.4017, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 61.0974, 0.4017, 0.3751.



This preview shows how white text looks on a background with the Yxy color 61.0974, 0.4017, 0.3751.

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

61.0974, 0.4017, 0.3751

Protanopia

61.2114, 0.3624, 0.3880

Deuteranopia

61.2722, 0.3910, 0.3831



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

61.0974, 0.4017, 0.3751

Protanomaly

60.8992, 0.3766, 0.3827

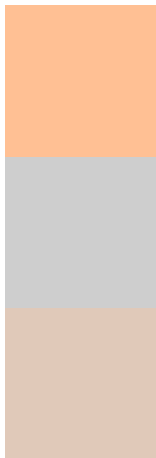
Deuteranomaly

61.0933, 0.3953, 0.3803

Tritanomaly

60.9914, 0.3751, 0.3376

Monochromacy



Original Color

61.0974, 0.4017, 0.3751

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1234, 0.3430, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0974, 0.4017, 0.3751 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.0974, 0.4017, 0.3751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

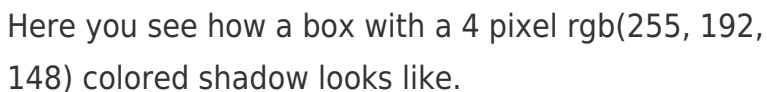
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 148) }
```

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

```
.border{ border-color:rgb(255, 192, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 148); box-shadow:4px 4px 4px 4px rgb(255, 192, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0974, 0.4017, 0.3751 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
192, 148) }
```

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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