

Converting Colors

$Y_{xy}(61.5439, 0.4012, 0.3761)$

Have a look what the booklet for
Yxy(61.5439, 0.4012, 0.3761)
contains.

Yxy(61.5380, 0.4012, 0.3761)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5380, 0.4012, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	FFC194
RGB	255, 193, 148
RGB Percent	100%, 76%, 58%
CMY	0.0002, 0.2430, 0.4196
CMYK	0.00, 0.24, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.6449, 61.5380, 36.4385
YIQ	206.4080, 51.3970, -0.8510

Conversions

Conversions Part 2

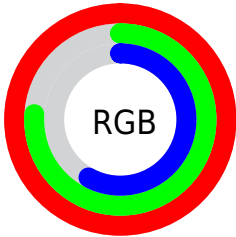
Format	Color
R _Y B	255, 226, 148
Decimal	16761236
CIE Lab	82.67, 16.68, 31.26
CIE LCh	83, 35.431, 61.918
Yxy	61.5380, 0.4012, 0.3761
Android (android.graphics.Color)	4294951316 (0xFFFFC194)
YUV	206.4080, -28.7951, 42.6152
Hunter-Lab	78.4462, 12.0906, 27.3719

Details

The Yxy color **61.5380, 0.4012, 0.3761** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.5813, 0.2466, 0.2757**, and the grayscale version is **62.1610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8955, 0.3451, 0.3764**, and **31.0641, 0.4231, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **54.6138, 0.4300, 0.3866**, and if you desaturate by 10%, it is **69.2977, 0.3753, 0.3647**.

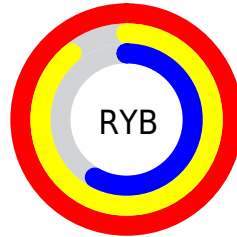
Distribution



Red (100%)

Green (76%)

Blue (58%)



Red (100%)

Yellow (89%)

Blue (58%)

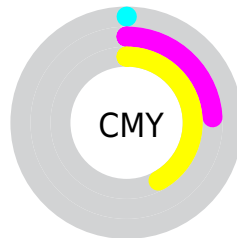


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5380, 0.4012, 0.3761 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 61.5380, 0.4012, 0.3761 by changing the saturation by 10% instead.


 61.5380, 0.4012,
0.3761

 61.5380, 0.4012,
0.3761

430.2439, 0.3589,
0.3553

 44.6595, 0.4110,
0.3804


 107.0575, 0.3864,
0.3692

 31.1893, 0.4232,
0.3855


 136.4674, 0.3806,
0.3664

 20.7430, 0.4386,
0.3915


170.8231, 0.3757,
0.3640

 12.9363, 0.4586,
0.3983

210.5091, 0.3715,
0.3618

 7.3847, 0.4851,
0.4057

255.9098, 0.3677,
0.3599

 3.7038, 0.5244,
0.4144

307.4095, 0.3645,

 1.5093, 0.5815,

0.3582

0.4185

365.3928, 0.3615,
0.3567

0.2953, 0.6996,
0.3004

0.0000, 0.0000,
0.0000

61.5380, 0.4012,
0.3761

61.5380, 0.4012,
0.3761

54.6138, 0.4300,
0.3866

69.2977, 0.3753,
0.3647

48.4854, 0.4609,
0.3950

77.9131, 0.3525,
0.3530

43.1227, 0.4925,
0.4001

87.4144, 0.3328,
0.3417

38.4895, 0.5228,
0.4005

97.8278, 0.3157,
0.3310

■ 34.5453, 0.5493,
0.3955

99.9924, 0.3127,
0.3290

■ 31.8320, 0.5670,
0.3880

Harmonies

Analogous

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



61.5380, 0.3977, 0.3408



61.5380, 0.4012, 0.3761



61.5380, 0.3796, 0.4027

Triad

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



61.5380, 0.4012, 0.3761



61.5380, 0.2575, 0.3516



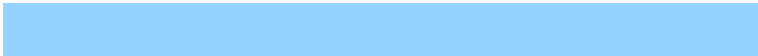
61.5380, 0.2805, 0.2593

Complementary

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



61.5380, 0.4012, 0.3761



59.5813, 0.2466, 0.2757

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.



61.5380, 0.2471, 0.2578



61.5380, 0.4012, 0.3761



61.5380, 0.2345, 0.3075

Square

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



61.5380, 0.4012, 0.3761



61.5380, 0.2959, 0.3914



61.5380, 0.2310, 0.2740



61.5380, 0.3251, 0.2764

Rectangle

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



61.5380, 0.4012, 0.3761



61.5380, 0.3549, 0.4105



61.5380, 0.2310, 0.2740



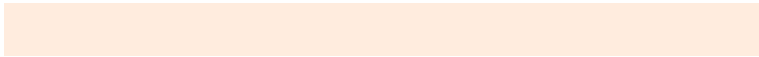
61.5380, 0.2677, 0.2570

Sweetspot

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



61.5409, 0.4012, 0.3761



86.4029, 0.3347, 0.3429



47.1083, 0.3576, 0.2653



18.0327, 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.



61.5409, 0.4012, 0.3761



55.9191, 0.4242, 0.3847



89.3313, 0.3789, 0.4255



19.2435, 0.3284, 0.3390



16.9186, 0.5641, 0.3903



1.8578, 0.5438, 0.4064

Inverse Universe

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



59.5813, 0.2466, 0.2757



53.7015, 0.2345, 0.2632



37.6019, 0.2357, 0.2095



19.1252, 0.2979, 0.3187



15.0885, 0.1846, 0.1846



1.6854, 0.1896, 0.2026

Previews

White Background



This preview shows how the Yxy color 61.5380, 0.4012, 0.3761 looks on a white background.

Color Contrast Check

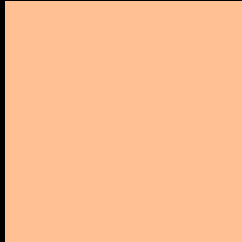
Large Text (above 18pt) WCAG AA × Fail

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 61.5380, 0.4012, 0.3761 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 61.5380, 0.4012, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 61.5380, 0.4012, 0.3761.



This preview shows how white text looks on a background with the Yxy color 61.5380, 0.4012, 0.3761.

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

61.5380, 0.4012, 0.3761

Protanopia

61.8479, 0.3629, 0.3889

Deuteranopia

61.4516, 0.3919, 0.3829



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.5380, 0.4012, 0.3761

Protanomaly

61.3639, 0.3762, 0.3838

Deuteranomaly

61.7262, 0.3957, 0.3812

Tritanomaly

61.4643, 0.3740, 0.3375

Monochromacy



Original Color

61.5380, 0.4012, 0.3761

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 61.5380, 0.4012, 0.3761 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, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 148) }
```

Border

The CSS property to change the border of an element to Yxy 61.5380, 0.4012, 0.3761 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, 193, 148) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5380, 0.4012, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 148) }
```

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

```
.background{ background-color: rgb(255,  
193, 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](#).

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