

Converting Colors

$Yxy(61.1240, 0.4081, 0.3842)$

Have a look what the booklet for
Yxy(61.1240, 0.4081, 0.3842)
contains.

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Color

Yxy(61.2934, 0.4077, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	FFC18C
RGB	255, 193, 140
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2431, 0.4511
CMYK	0.00, 0.24, 0.45, 0.00
HSL	28°, 100%, 77%
HSV	28°, 45%, 100%
XYZ	65.0425, 61.2934, 33.1993
YIQ	205.4960, 53.9650, -3.3390

Conversions

Conversions Part 2

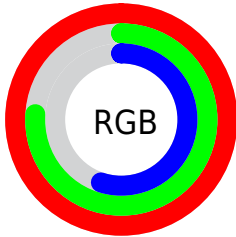
Format	Color
R _Y B	255, 238, 140
Decimal	16761228
CIE Lab	82.54, 15.89, 35.28
CIE LCh	83, 38.690, 65.756
Yxy	61.2934, 0.4077, 0.3842
Android (android.graphics.Color)	4294951308 (0xFFFFC18C)
YUV	205.4960, -32.2895, 43.4150
Hunter-Lab	78.2901, 11.2880, 29.6609

Details

The Yxy color **61.2934, 0.4077, 0.3842** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0133, 0.2407, 0.2650**, and the grayscale version is **61.5663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5263, 0.3500, 0.3844**, and **30.9223, 0.4313, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **54.8323, 0.4358, 0.3951**, and if you desaturate by 10%, it is **68.4979, 0.3819, 0.3720**.

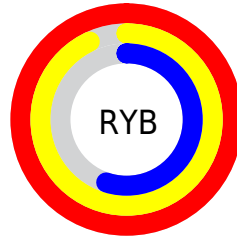
Distribution



Red (100%)

Green (76%)

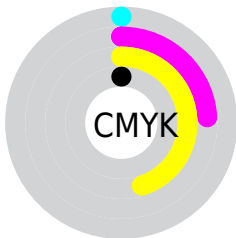
Blue (55%)



Red (100%)

Yellow (93%)

Blue (55%)

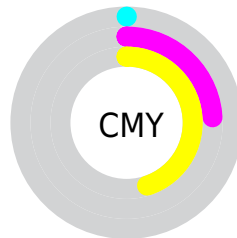


Cyan (0%)

Magenta (24%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2934, 0.4077, 0.3842 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 61.2934, 0.4077, 0.3842 by changing the saturation by 10% instead.


 61.2934, 0.4077,
0.3842


 61.2934, 0.4077,
0.3842


429.3490, 0.3625,
0.3599


 44.4620, 0.4181,
0.3892


 106.7036, 0.3919,
0.3761

 31.0339, 0.4309,
0.3951

 136.0513, 0.3858,
0.3729

 20.6246, 0.4470,
0.4019

 170.3398, 0.3805,
0.3700

 12.8499, 0.4676,
0.4096

209.9535, 0.3760,
0.3675

 7.3253, 0.4944,
0.4176

255.2769, 0.3720,
0.3653

 3.6663, 0.5392,
0.4313

306.6943, 0.3684,

 1.4887, 0.5778,

0.3633

0.4222

364.5902, 0.3653,
0.3615

0.2808, 0.6999,
0.3001

0.0000, 0.0000,
0.0000

61.2934, 0.4077,
0.3842

61.2934, 0.4077,
0.3842

54.8323, 0.4358,
0.3951

68.4979, 0.3819,
0.3720

49.0802, 0.4654,
0.4036

76.4648, 0.3588,
0.3593

44.0098, 0.4948,
0.4082

85.2205, 0.3385,
0.3468

39.5881, 0.5221,
0.4078

94.7883, 0.3208,
0.3348

■ 35.7778, 0.5453, 100.0000, 0.3127,
0.4018 0.3290

■ 34.1183, 0.5552,
0.3974

Harmonies

Analogous

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



61.2934, 0.4078, 0.3464



61.2934, 0.4077, 0.3842



61.2934, 0.3808, 0.4118

Triad

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



61.2934, 0.4077, 0.3842



61.2934, 0.2482, 0.3472



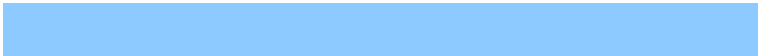
61.2934, 0.2832, 0.2550

Complementary

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



61.2934, 0.4077, 0.3842



55.0133, 0.2407, 0.2650

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.



61.2934, 0.2450, 0.2509



61.2934, 0.4077, 0.3842



61.2934, 0.2261, 0.2995

Square

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



61.2934, 0.4077, 0.3842



61.2934, 0.2881, 0.3931



61.2934, 0.2251, 0.2656



61.2934, 0.3325, 0.2754

Rectangle

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



61.2934, 0.4077, 0.3842



61.2934, 0.3525, 0.4186



61.2934, 0.2251, 0.2656



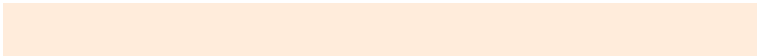
61.2934, 0.2687, 0.2517

Sweetspot

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



61.2957, 0.4077, 0.3842



86.2438, 0.3364, 0.3454



44.3288, 0.3662, 0.2643



18.0367, 0.3405, 0.3481



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.



61.2957, 0.4077, 0.3842



55.5153, 0.4326, 0.3940



91.0573, 0.3822, 0.4354



19.3673, 0.3283, 0.3400



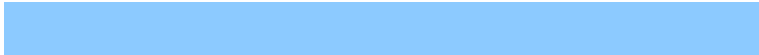
18.1187, 0.5525, 0.3995



1.9798, 0.5335, 0.4146

Inverse Universe

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



55.0133, 0.2407, 0.2650



48.5056, 0.2273, 0.2496



33.2628, 0.2282, 0.1942



18.9995, 0.2979, 0.3178



13.4860, 0.1807, 0.1706



1.5318, 0.1861, 0.1900

Previews

White Background



This preview shows how the Yxy color 61.2934, 0.4077, 0.3842 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 61.2934, 0.4077, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

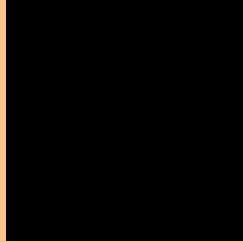
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2934, 0.4077, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 61.2934, 0.4077, 0.3842.



This preview shows how white text looks on a background with the Yxy color 61.2934, 0.4077, 0.3842.

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

61.2934, 0.4077, 0.3842

Protanopia

61.7165, 0.3704, 0.3989

Deuteranopia

61.3894, 0.3989, 0.3910



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.2934, 0.4077, 0.3842

Protanomaly

61.2489, 0.3840, 0.3934

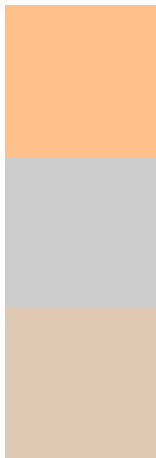
Deuteranomaly

61.4837, 0.4019, 0.3894

Tritanomaly

61.3013, 0.3774, 0.3417

Monochromacy



Original Color

61.2934, 0.4077, 0.3842

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7975, 0.3453, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2934, 0.4077, 0.3842 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.2934, 0.4077, 0.3842 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, 140) }
```

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

```
.border{ border-color:rgb(255, 193, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2934, 0.4077, 0.3842 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
193, 140) }
```

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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