

Converting Colors

$Yxy(61.3538, 0.3935, 0.3645)$

Have a look what the booklet for
Yxy(61.3538, 0.3935, 0.3645)
contains.

Yxy(61.4279, 0.3935, 0.3648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.4279, 0.3935, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	FFC09E
RGB	255, 192, 158
RGB Percent	100%, 75%, 62%
CMY	0.0000, 0.2470, 0.3805
CMYK	0.00, 0.25, 0.38, 0.00
HSL	21°, 100%, 81%
HSV	21°, 38%, 100%
XYZ	66.2606, 61.4279, 40.6994
YIQ	206.9610, 48.4620, 2.7820

Conversions

Conversions Part 2

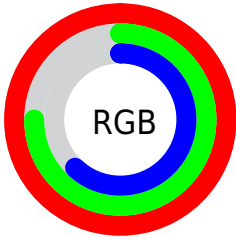
Format	Color
R _Y B	255, 210, 158
Decimal	16760990
CIE Lab	82.61, 18.31, 25.94
CIE LCh	83, 31.755, 54.788
Yxy	61.4279, 0.3935, 0.3648
Android (android.graphics.Color)	4294951070 (0xFFFFC09E)
YUV	206.9610, -24.1378, 42.1302
Hunter-Lab	78.3760, 13.7496, 24.0748

Details

The Yxy color **61.4279, 0.3935, 0.3648** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.1816, 0.2538, 0.2896**, and the grayscale version is **62.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8155, 0.3385, 0.3645**, and **30.9533, 0.4141, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **53.7747, 0.4232, 0.3739**, and if you desaturate by 10%, it is **70.0850, 0.3675, 0.3551**.

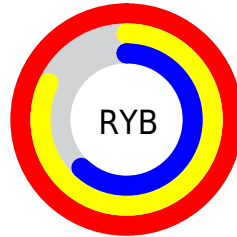
Distribution



Red (100%)

Green (75%)

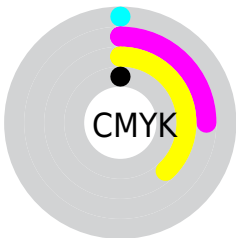
Blue (62%)



Red (100%)

Yellow (82%)

Blue (62%)

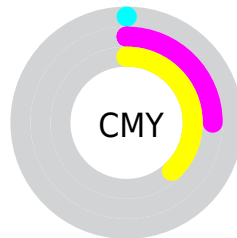


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4279, 0.3935, 0.3648 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 61.4279, 0.3935, 0.3648 by changing the saturation by 10% instead.


 61.4279, 0.3935,
0.3648

 61.4279, 0.3935,
0.3648


429.8412, 0.3547,
0.3491

 44.5706, 0.4026,
0.3681


 106.8983, 0.3798,
0.3596

 31.1193, 0.4140,
0.3719


 136.2801, 0.3746,
0.3575

 20.6897, 0.4285,
0.3765


170.6056, 0.3701,
0.3556

 12.8974, 0.4476,
0.3817

210.2591, 0.3662,
0.3540

 7.3579, 0.4736,
0.3875

255.6250, 0.3628,
0.3526

 3.6869, 0.5104,
0.3926

307.0877, 0.3598,

 1.5000, 0.5901,

0.3513

0.4099

365.0316, 0.3571,
0.3501

0.2887, 0.7142,
0.2858

0.0000, 0.0000,
0.0000

61.4279, 0.3935,
0.3648

61.4279, 0.3935,
0.3648

53.7747, 0.4232,
0.3739

70.0850, 0.3675,
0.3551

47.0813, 0.4561,
0.3816

79.7762, 0.3451,
0.3454

41.3085, 0.4910,
0.3866

90.5376, 0.3260,
0.3361

36.4119, 0.5256,
0.3875

100.0000, 0.3127,
0.3290

■ 32.3423, 0.5569,
0.3835

■ 29.0424, 0.5821,
0.3744

■ 28.4790, 0.5866,
0.3725

Harmonies

Analogous

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



61.4279, 0.3845, 0.3322



61.4279, 0.3935, 0.3648



61.4279, 0.3793, 0.3911

Triad

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



61.4279, 0.3935, 0.3648



61.4279, 0.2703, 0.3587



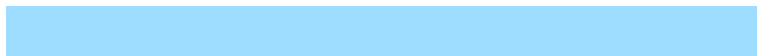
61.4279, 0.2755, 0.2642

Complementary

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



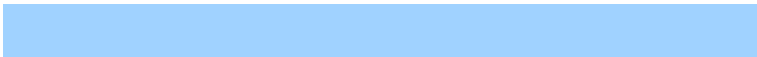
61.4279, 0.3935, 0.3648



66.1816, 0.2538, 0.2896

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.



61.4279, 0.2485, 0.2668



61.4279, 0.3935, 0.3648



61.4279, 0.2456, 0.3190

Square

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



61.4279, 0.3935, 0.3648



61.4279, 0.3073, 0.3906



61.4279, 0.2380, 0.2857



61.4279, 0.3140, 0.2766

Rectangle

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



61.4279, 0.3935, 0.3648



61.4279, 0.3594, 0.4006



61.4279, 0.2380, 0.2857



61.4279, 0.2649, 0.2633

Sweetspot

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



61.4299, 0.3935, 0.3648



87.2495, 0.3313, 0.3388



50.9272, 0.3461, 0.2650



18.3584, 0.3338, 0.3400



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.



61.4299, 0.3935, 0.3648



55.2642, 0.4168, 0.3722



86.3108, 0.3750, 0.4113



19.0292, 0.3286, 0.3374



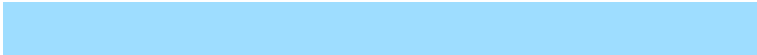
15.1330, 0.5836, 0.3748



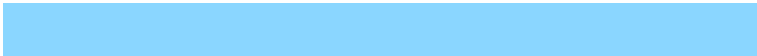
1.6693, 0.5618, 0.3921

Inverse Universe

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



66.1816, 0.2538, 0.2896



60.6177, 0.2423, 0.2798



44.1925, 0.2450, 0.2303



19.3461, 0.2980, 0.3205



18.2297, 0.1916, 0.2096



1.9802, 0.1958, 0.2248

Previews

White Background



This preview shows how the Yxy color 61.4279, 0.3935, 0.3648 looks on a white background.

Color Contrast Check

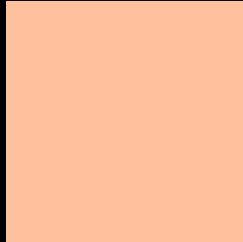
Large Text (above 18pt) WCAG AA × Fail

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 61.4279, 0.3935, 0.3648 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 61.4279, 0.3935, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 61.4279, 0.3935, 0.3648.



This preview shows how white text looks on a background with the Yxy color 61.4279, 0.3935, 0.3648.

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

61.4279, 0.3935, 0.3648

Protanopia

61.8830, 0.3538, 0.3776

Deuteranopia

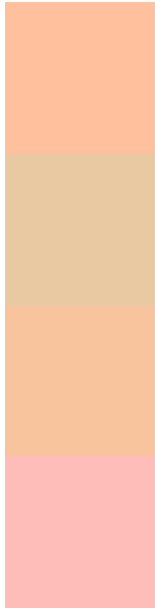
61.6997, 0.3810, 0.3737



Tritanopia

61.4435, 0.3584, 0.3157

Trichromacy



Original Color

61.4279, 0.3935, 0.3648

Protanomaly

61.5377, 0.3676, 0.3728

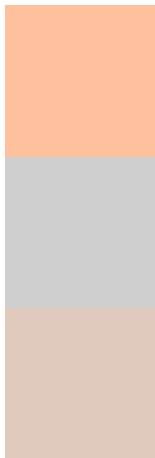
Deuteranomaly

61.6883, 0.3860, 0.3710

Tritanomaly

61.1580, 0.3717, 0.3334

Monochromacy



Original Color

61.4279, 0.3935, 0.3648

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7625, 0.3398, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4279, 0.3935, 0.3648 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 158) }
```

Border

The CSS property to change the border of an element to Yxy 61.4279, 0.3935, 0.3648 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, 158) }
```

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

```
.border{ border-color:rgb(255, 192, 158) }
```

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, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4279, 0.3935, 0.3648 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
192, 158) }
```

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