

Converting Colors

$Yxy(66.1646, 0.3933, 0.3732)$

Have a look what the booklet for
Yxy(66.1646, 0.3933, 0.3732)
contains.

Yxy(65.5019, 0.3898, 0.3739)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.5019, 0.3898, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	FFC99E
RGB	255, 201, 158
RGB Percent	100%, 79%, 62%
CMY	0.0002, 0.2117, 0.3803
CMYK	0.00, 0.21, 0.38, 0.00
HSL	27°, 100%, 81%
HSV	27°, 38%, 100%
XYZ	68.2874, 65.5019, 41.3964
YIQ	212.2440, 45.9870, -1.9250

Conversions

Conversions Part 2

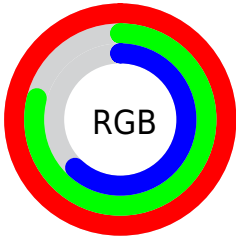
Format	Color
R_{YB}	255, 235, 158
Decimal	16763294
CIE _{Lab}	84.74, 13.59, 28.81
CIE _{LCh}	85, 31.850, 64.744
Yxy	65.5019, 0.3898, 0.3739
Android (android.graphics.Color)	4294953374 (0xFFFFC99E)
YUV	212.2440, -26.7423, 37.4970
Hunter-Lab	80.9332, 8.9760, 26.3272

Details

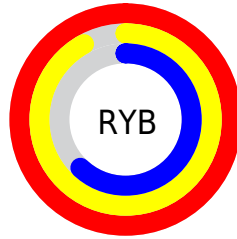
The Yxy color **65.5019, 0.3898, 0.3739** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.5479, 0.2522, 0.2788**, and the grayscale version is **66.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **33.7784, 0.4093, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **58.4043, 0.4168, 0.3854**, and if you desaturate by 10%, it is **73.3986, 0.3656, 0.3617**.

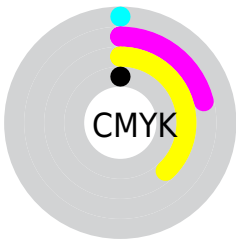
Distribution



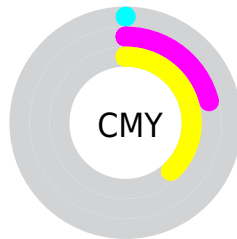
- Red (100%)
- Green (79%)
- Blue (62%)



- Red (100%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5019, 0.3898, 0.3739 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 65.5019, 0.3898, 0.3739 by changing the saturation by 10% instead.


 65.5019, 0.3898,
0.3739


 65.5019, 0.3898,
0.3739

444.5934, 0.3534,
0.3539

 47.8682, 0.3982,
0.3782

 112.7711, 0.3771,
0.3672

 33.7225, 0.4086,
0.3832


 143.1754, 0.3721,
0.3645

 22.6805, 0.4218,
0.3893


178.6053, 0.3679,
0.3622

 14.3578, 0.4388,
0.3966

219.4453, 0.3642,
0.3601

 8.3699, 0.4616,
0.4053

266.0797, 0.3610,
0.3583

 4.3325, 0.4928,
0.4146

318.8929, 0.3582,

 1.8613, 0.5602,

0.3567

0.4398

378.2693, 0.3556,
0.3552

0.5249, 0.6128,
0.3872

0.0000, 0.0000,
0.0000

65.5019, 0.3898,
0.3739

65.5019, 0.3898,
0.3739

58.4043, 0.4168,
0.3854

73.3986, 0.3656,
0.3617

52.0687, 0.4462,
0.3954

82.1112, 0.3443,
0.3496

46.4683, 0.4767,
0.4025

91.6676, 0.3257,
0.3379

41.5710, 0.5066,
0.4053

99.9920, 0.3127,
0.3290

■ 37.3407, 0.5338,
0.4030

■ 33.7347, 0.5562,
0.3951

■ 33.0878, 0.5603,
0.3933

Harmonies

Analogous

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



65.5019, 0.3887, 0.3431



65.5019, 0.3898, 0.3739



65.5019, 0.3692, 0.3956

Triad

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



65.5019, 0.3898, 0.3739



65.5019, 0.2614, 0.3453



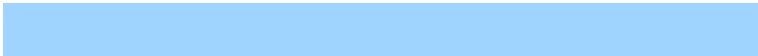
65.5019, 0.2878, 0.2678

Complementary

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



65.5019, 0.3898, 0.3739



61.5479, 0.2522, 0.2788

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.



65.5019, 0.2568, 0.2653



65.5019, 0.3898, 0.3739



65.5019, 0.2423, 0.3071

Square

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



65.5019, 0.3898, 0.3739



65.5019, 0.2946, 0.3808



65.5019, 0.2407, 0.2786



65.5019, 0.3276, 0.2843

Rectangle

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



65.5019, 0.3898, 0.3739



65.5019, 0.3468, 0.4006



65.5019, 0.2407, 0.2786



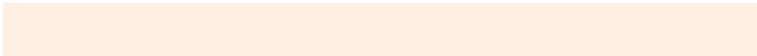
65.5019, 0.2761, 0.2653

Sweetspot

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



65.5050, 0.3898, 0.3739



88.7676, 0.3310, 0.3413



50.5112, 0.3535, 0.2728



18.7192, 0.3334, 0.3429



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.



65.5050, 0.3898, 0.3739



59.8013, 0.4112, 0.3832



91.1604, 0.3722, 0.4183



19.3135, 0.3283, 0.3396



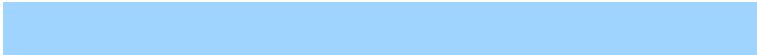
17.5822, 0.5575, 0.3955



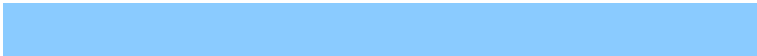
1.9256, 0.5380, 0.4111

Inverse Universe

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



61.5479, 0.2522, 0.2788



55.2901, 0.2398, 0.2661



41.2089, 0.2436, 0.2206



19.0539, 0.2979, 0.3182



14.1633, 0.1824, 0.1766



1.5970, 0.1876, 0.1955

Previews

White Background



This preview shows how the Yxy color 65.5019, 0.3898, 0.3739 looks on a white background.

Color Contrast Check

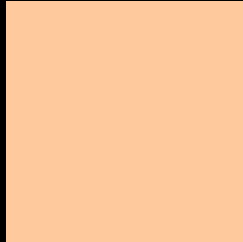
Large Text (above 18pt) WCAG AA × Fail

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 65.5019, 0.3898, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

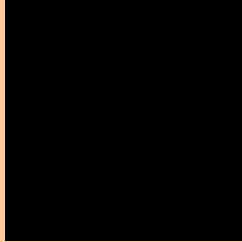
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5019, 0.3898, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 65.5019, 0.3898, 0.3739.



This preview shows how white text looks on a background with the Yxy color 65.5019, 0.3898, 0.3739.

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

65.5019, 0.3898, 0.3739

Protanopia

65.9001, 0.3586, 0.3842

Deuteranopia

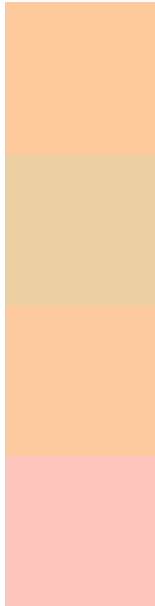
65.5045, 0.3850, 0.3766



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.5019, 0.3898, 0.3739

Protanomaly

65.6895, 0.3702, 0.3805

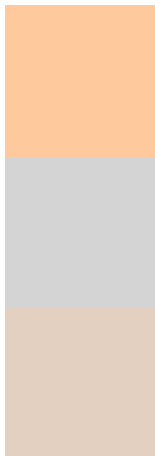
Deuteranomaly

65.4051, 0.3870, 0.3753

Tritanomaly

65.3659, 0.3651, 0.3375

Monochromacy



Original Color

65.5019, 0.3898, 0.3739

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4115, 0.3397, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5019, 0.3898, 0.3739 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, 201, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 158) }
```

Border

The CSS property to change the border of an element to Yxy 65.5019, 0.3898, 0.3739 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, 201, 158) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
158) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 65.5019, 0.3898, 0.3739$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 158) }
```

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

```
.background{ background-color: rgb(255,  
201, 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