

Converting Colors

$Yxy(63.1664, 0.3918, 0.3686)$

Have a look what the booklet for
Yxy(63.1664, 0.3918, 0.3686)
contains.

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Color

Yxy(63.2085, 0.3919, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	FFC49E
RGB	255, 196, 158
RGB Percent	100%, 77%, 62%
CMY	0.0000, 0.2314, 0.3803
CMYK	0.00, 0.23, 0.38, 0.00
HSL	23°, 100%, 81%
HSV	23°, 38%, 100%
XYZ	67.1676, 63.2085, 41.0135
YIQ	209.3090, 47.3620, 0.6900

Conversions

Conversions Part 2

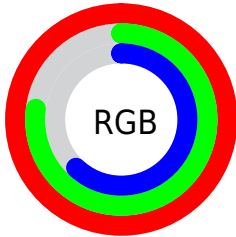
Format	Color
R_{YB}	255, 220, 158
Decimal	16762014
CIE _{Lab}	83.55, 16.26, 27.20
CIE _{LCh}	84, 31.689, 59.137
Yxy	63.2085, 0.3919, 0.3688
Android (android.graphics.Color)	4294952094 (0xFFFFC49E)
YUV	209.3090, -25.2953, 40.0710
Hunter-Lab	79.5038, 11.6715, 25.0668

Details

The Yxy color **63.2085, 0.3919, 0.3688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1325, 0.2531, 0.2849**, and the grayscale version is **64.1108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3147, 0.3379, 0.3682**, and **32.2569, 0.4126, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **55.7706, 0.4204, 0.3790**, and if you desaturate by 10%, it is **71.5374, 0.3666, 0.3580**.

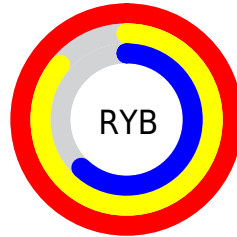
Distribution



Red (100%)

Green (77%)

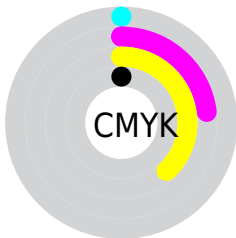
Blue (62%)



Red (100%)

Yellow (86%)

Blue (62%)

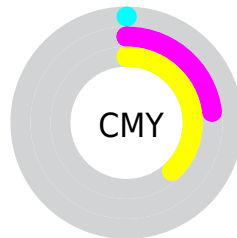


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2085, 0.3919, 0.3688 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 63.2085, 0.3919, 0.3688 by changing the saturation by 10% instead.

 63.2085, 0.3919,
0.3688

 63.2085, 0.3919,
0.3688


436.3258, 0.3541,
0.3512

 46.0099, 0.4007,
0.3725


 109.4703, 0.3786,
0.3629

 32.2536, 0.4116,
0.3769


 139.3022, 0.3735,
0.3606

 21.5553, 0.4256,
0.3821


174.1141, 0.3691,
0.3585

 13.5305, 0.4437,
0.3883

214.2902, 0.3653,
0.3567

 7.7949, 0.4683,
0.3954

260.2151, 0.3620,
0.3551

 3.9640, 0.5026,
0.4023

312.2730, 0.3591,

 1.6534, 0.5768,

0.3537

0.4232

370.8485, 0.3565,
0.3524

0.3932, 0.6621,
0.3379

0.0000, 0.0000,
0.0000

63.2085, 0.3919,
0.3688

63.2085, 0.3919,
0.3688

55.7706, 0.4204,
0.3790

71.5374, 0.3666,
0.3580

49.2132, 0.4517,
0.3877

80.8114, 0.3447,
0.3472

43.4932, 0.4847,
0.3936

91.0526, 0.3259,
0.3369

38.5719, 0.5173,
0.3953

100.0000, 0.3127,
0.3290

■ 34.4067, 0.5468,
0.3919

■ 30.9474, 0.5710,
0.3833

■ 30.3414, 0.5754,
0.3813

Harmonies

Analogous

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



63.2085, 0.3864, 0.3370



63.2085, 0.3919, 0.3688



63.2085, 0.3749, 0.3931

Triad

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



63.2085, 0.3919, 0.3688



63.2085, 0.2664, 0.3528



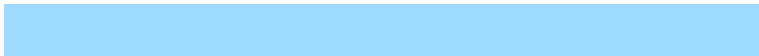
63.2085, 0.2809, 0.2658

Complementary

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



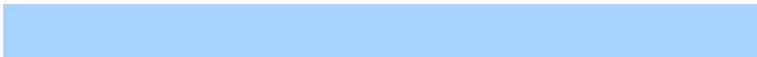
63.2085, 0.3919, 0.3688



64.1325, 0.2531, 0.2849

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.



63.2085, 0.2521, 0.2661



63.2085, 0.3919, 0.3688



63.2085, 0.2441, 0.3137

Square

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



63.2085, 0.3919, 0.3688



63.2085, 0.3017, 0.3863



63.2085, 0.2392, 0.2825



63.2085, 0.3200, 0.2800

Rectangle

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



63.2085, 0.3919, 0.3688



63.2085, 0.3538, 0.4007



63.2085, 0.2392, 0.2825



63.2085, 0.2698, 0.2642

Sweetspot

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



63.2009, 0.3918, 0.3688



87.9122, 0.3311, 0.3399



50.7711, 0.3490, 0.2681



18.5158, 0.3336, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

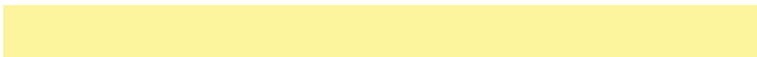
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2009, 0.3918, 0.3688



57.2100, 0.4143, 0.3770



88.2410, 0.3739, 0.4141



19.1534, 0.3284, 0.3384



16.1235, 0.5724, 0.3837



1.7750, 0.5514, 0.4004

Inverse Universe

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



64.1325, 0.2531, 0.2849



58.2375, 0.2412, 0.2738



42.9889, 0.2444, 0.2264



19.2176, 0.2979, 0.3195



16.3510, 0.1875, 0.1950



1.8048, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 63.2085, 0.3919, 0.3688 looks on a white background.

Color Contrast Check

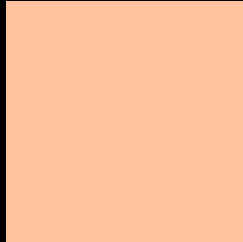
Large Text (above 18pt) WCAG AA × Fail

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 63.2085, 0.3919, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

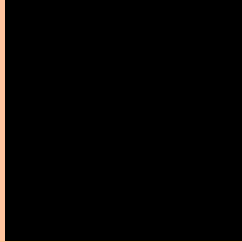
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2085, 0.3919, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 63.2085, 0.3919, 0.3688.



This preview shows how white text looks on a background with the Yxy color 63.2085, 0.3919, 0.3688.

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

63.2085, 0.3919, 0.3688

Protanopia

63.3217, 0.3558, 0.3794

Deuteranopia

63.3357, 0.3836, 0.3752



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.2085, 0.3919, 0.3688

Protanomaly

63.2868, 0.3683, 0.3757

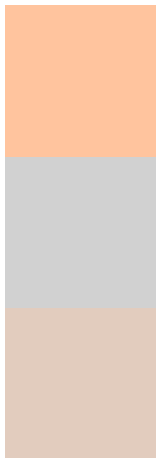
Deuteranomaly

63.4209, 0.3865, 0.3738

Tritanomaly

63.0308, 0.3681, 0.3344

Monochromacy



Original Color

63.2085, 0.3919, 0.3688

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0722, 0.3403, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2085, 0.3919, 0.3688 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, 196, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 158) }
```

Border

The CSS property to change the border of an element to Yxy 63.2085, 0.3919, 0.3688 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, 196, 158) }
```

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

```
.border{ border-color:rgb(255, 196, 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, 196, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2085, 0.3919, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 158) }
```

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

```
.background{ background-color: rgb(255,  
196, 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](#).

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