

Converting Colors

$Yxy(63.3484, 0.3919, 0.3799)$

Have a look what the booklet for
Yxy(63.3484, 0.3919, 0.3799)
contains.

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Color

Yxy(63.4052, 0.3920, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	FAC797
RGB	250, 199, 151
RGB Percent	98%, 78%, 59%
CMY	0.0197, 0.2195, 0.4078
CMYK	0.00, 0.20, 0.40, 0.02
HSL	29°, 91%, 79%
HSV	29°, 40%, 98%
XYZ	65.4247, 63.4052, 38.0698
YIQ	208.7770, 45.8040, -4.1160

Conversions

Conversions Part 2

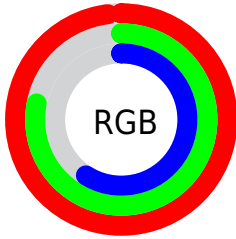
Format	Color
R _Y B	250, 244, 151
Decimal	16435095
CIE Lab	83.66, 11.93, 30.92
CIE LCh	84, 33.141, 68.910
Yxy	63.4052, 0.3920, 0.3799
Android (android.graphics.Color)	4294625175 (0xFFFA797)
YUV	208.7770, -28.4841, 36.1526
Hunter-Lab	79.6274, 7.3140, 27.3926

Details

The Yxy color **63.4052, 0.3920, 0.3799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.6976, 0.2490, 0.2713**, and the grayscale version is **63.7748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **32.3774, 0.4114, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **57.0059, 0.4182, 0.3923**, and if you desaturate by 10%, it is **70.4834, 0.3682, 0.3667**.

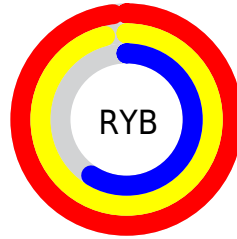
Distribution



Red (98%)

Green (78%)

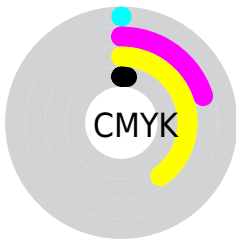
Blue (59%)



Red (98%)

Yellow (96%)

Blue (59%)

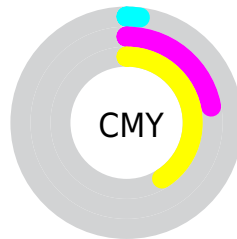


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (22%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4052, 0.3920, 0.3799 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 63.4052, 0.3920, 0.3799 by changing the saturation by 10% instead.


 63.4052, 0.3920,
0.3799

 63.4052, 0.3920,
0.3799


437.0385, 0.3544,
0.3570

 46.1691, 0.4007,
0.3848

 109.7539, 0.3789,
0.3722

 32.3793, 0.4114,
0.3907


 139.6352, 0.3738,
0.3691

 21.6514, 0.4249,
0.3978


174.5005, 0.3694,
0.3664

 13.6009, 0.4424,
0.4063

214.7340, 0.3656,
0.3641

 7.8436, 0.4656,
0.4163

260.7201, 0.3623,
0.3620

 3.9951, 0.4981,
0.4280

312.8434, 0.3594,

 1.6708, 0.5540,

0.3602

0.4460

371.4880, 0.3567,
0.3585

0.4046, 0.6255,
0.3745

0.0000, 0.0000,
0.0000

63.4052, 0.3920,
0.3799

63.4052, 0.3920,
0.3799

57.0059, 0.4182,
0.3923

70.4834, 0.3682,
0.3667

51.2533, 0.4461,
0.4028

78.2536, 0.3470,
0.3535

46.1253, 0.4747,
0.4103

86.7393, 0.3283,
0.3407

41.5946, 0.5022,
0.4134

95.9604, 0.3121,
0.3285

37.6305, 0.5267,
0.4110

99.0576, 0.3096,
0.3290

34.1922, 0.5471,
0.4035

34.0609, 0.5479,
0.4032

Harmonies

Analogous

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



63.4052, 0.3943, 0.3483



63.4052, 0.3920, 0.3799



63.4052, 0.3676, 0.4009

Triad

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



63.4052, 0.3920, 0.3799



63.4052, 0.2550, 0.3403



63.4052, 0.2920, 0.2665

Complementary

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



63.4052, 0.3920, 0.3799



55.6976, 0.2490, 0.2713

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.



63.4052, 0.2577, 0.2616



63.4052, 0.3920, 0.3799



63.4052, 0.2375, 0.3009

Square

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



63.4052, 0.3920, 0.3799



63.4052, 0.2881, 0.3792



63.4052, 0.2385, 0.2731



63.4052, 0.3343, 0.2855

Rectangle

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



63.4052, 0.3920, 0.3799



63.4052, 0.3429, 0.4043



63.4052, 0.2385, 0.2731



63.4052, 0.2792, 0.2632

Sweetspot

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



63.4082, 0.3920, 0.3799



88.5412, 0.3326, 0.3437



46.7232, 0.3605, 0.2754



18.6989, 0.3350, 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.



63.4082, 0.3920, 0.3799



60.6363, 0.4140, 0.3905



89.8814, 0.3728, 0.4259



18.6153, 0.3282, 0.3405



18.3581, 0.5453, 0.4053



1.9116, 0.5263, 0.4203

Inverse Universe

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



55.6976, 0.2490, 0.2713



51.4792, 0.2356, 0.2563



36.1494, 0.2394, 0.2093



18.1209, 0.2980, 0.3172



12.2371, 0.1785, 0.1625



1.3457, 0.1844, 0.1836

Previews

White Background



This preview shows how the Yxy color 63.4052, 0.3920, 0.3799 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 63.4052, 0.3920, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

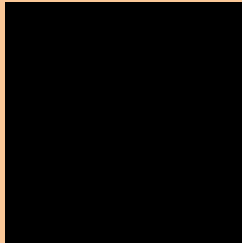
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4052, 0.3920, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 63.4052, 0.3920, 0.3799.



This preview shows how white text looks on a background with the Yxy color 63.4052, 0.3920, 0.3799.

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

63.4052, 0.3920, 0.3799

Protanopia

63.8148, 0.3637, 0.3904

Deuteranopia

63.4994, 0.3900, 0.3812



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.4052, 0.3920, 0.3799

Protanomaly

63.3194, 0.3732, 0.3857

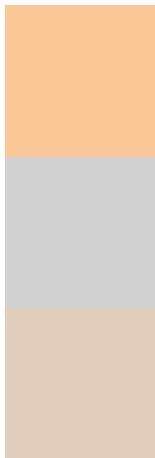
Deuteranomaly

63.6827, 0.3908, 0.3811

Tritanomaly

63.4580, 0.3676, 0.3386

Monochromacy



Original Color

63.4052, 0.3920, 0.3799

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1408, 0.3400, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4052, 0.3920, 0.3799 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(250, 199, 151)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 151)  
}
```

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(250, 199, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 151) }
```

Border

The CSS property to change the border of an element to Yxy 63.4052, 0.3920, 0.3799 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(250, 199, 151) }
```

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

```
.border{ border-color:rgb(250, 199, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(250, 199, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 151);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4052, 0.3920, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 151) }
```

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

```
.background{ background-color: rgb(250,  
199, 151) }
```

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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