

Converting Colors

$Yxy(52.9659, 0.4192, 0.3687)$

Have a look what the booklet for
Yxy(52.9659, 0.4192, 0.3687)
contains.

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Color

Yxy(52.9323, 0.4191, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	FDAE88
RGB	253, 174, 136
RGB Percent	99%, 68%, 53%
CMY	0.0079, 0.3176, 0.4666
CMYK	0.00, 0.31, 0.46, 0.01
HSL	19°, 97%, 76%
HSV	19°, 46%, 99%
XYZ	60.0865, 52.9323, 30.3515
YIQ	193.2890, 59.2820, 4.9300

Conversions

Conversions Part 2

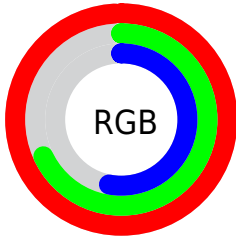
Format	Color
R _Y B	253, 192, 136
Decimal	16625288
CIE Lab	77.84, 24.66, 31.14
CIE LCh	78, 39.721, 51.618
Yxy	52.9323, 0.4191, 0.3692
Android (android.graphics.Color)	4294815368 (0xFFFDAE88)
YUV	193.2890, -28.2435, 52.3665
Hunter-Lab	72.7546, 20.0988, 26.1938

Details

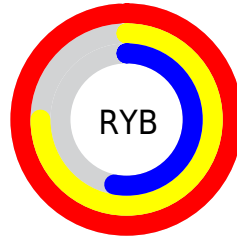
The Yxy color **52.9323, 0.4191, 0.3692** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9307, 0.2427, 0.2833**, and the grayscale version is **53.6531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5713, 0.3572, 0.3696**, and **25.8160, 0.4475, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **46.1116, 0.4524, 0.3766**, and if you desaturate by 10%, it is **60.7675, 0.3894, 0.3606**.

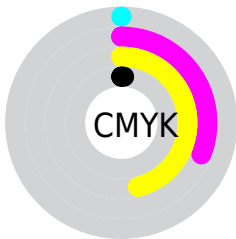
Distribution



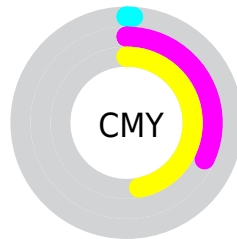
- Red (99%)
- Green (68%)
- Blue (53%)



- Red (99%)
- Yellow (75%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (1%)





- Cyan (1%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9323, 0.4191, 0.3692 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 52.9323, 0.4191, 0.3692 by changing the saturation by 10% instead.

 52.9323, 0.4191,
0.3692

 52.9323, 0.4191,
0.3692


398.0253, 0.3668,
0.3521


 37.7487, 0.4316,
0.3725


 94.5047, 0.4005,
0.3637

 25.7877, 0.4473,
0.3762


 121.6624, 0.3934,
0.3614

 16.6649, 0.4673,
0.3801


 153.5802, 0.3873,
0.3594

 9.9959, 0.4937,
0.3837

190.6426, 0.3821,
0.3576

 5.3962, 0.5293,
0.3854

233.2339, 0.3775,
0.3560

 2.4816, 0.6030,
0.3970

281.7385, 0.3735,

 0.8674, 0.6445,

0.3545

336.5408, 0.3700,
0.3532

0.3555

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9323, 0.4191,
0.3692

52.9323, 0.4191,
0.3692

46.1116, 0.4524,
0.3766

60.7675, 0.3894,
0.3606

40.2540, 0.4883,
0.3815

69.6499, 0.3636,
0.3515

35.3150, 0.5244,
0.3828

79.6207, 0.3415,
0.3426

31.2428, 0.5577,
0.3794

90.7159, 0.3228,
0.3340

■ 27.9791, 0.5846,
0.3710

99.6206, 0.3115,
0.3290

■ 26.9393, 0.5933,
0.3671

Harmonies

Analogous

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



52.9323, 0.4044, 0.3274



52.9323, 0.4191, 0.3692



52.9323, 0.4025, 0.4058

Triad

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



52.9323, 0.4191, 0.3692



52.9323, 0.2614, 0.3738



52.9323, 0.2595, 0.2454

Complementary

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



52.9323, 0.4191, 0.3692



60.9307, 0.2427, 0.2833

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.



52.9323, 0.2275, 0.2500



52.9323, 0.4191, 0.3692



52.9323, 0.2282, 0.3200

Square

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



52.9323, 0.4191, 0.3692



52.9323, 0.3101, 0.4149



52.9323, 0.2166, 0.2752



52.9323, 0.3081, 0.2595

Rectangle

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



52.9323, 0.4191, 0.3692



52.9323, 0.3774, 0.4215



52.9323, 0.2166, 0.2752



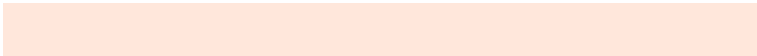
52.9323, 0.2467, 0.2447

Sweetspot

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



52.9349, 0.4191, 0.3692



83.4827, 0.3371, 0.3406



43.4514, 0.3521, 0.2480



17.3674, 0.3414, 0.3425



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.



52.9349, 0.4191, 0.3692



47.7368, 0.4482, 0.3758



80.1167, 0.3905, 0.4246



18.9502, 0.3286, 0.3368



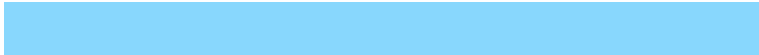
14.5660, 0.5904, 0.3694



1.6071, 0.5684, 0.3869

Inverse Universe

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



60.9307, 0.2427, 0.2833



56.6714, 0.2311, 0.2729



36.6004, 0.2294, 0.2097



19.4285, 0.2980, 0.3211



19.5101, 0.1942, 0.2190



2.0985, 0.1981, 0.2330

Previews

White Background



This preview shows how the Yxy color 52.9323, 0.4191, 0.3692 looks on a white background.

Color Contrast Check

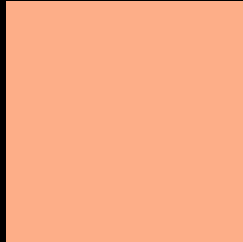
Large Text (above 18pt) WCAG AA × Fail

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 52.9323, 0.4191, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

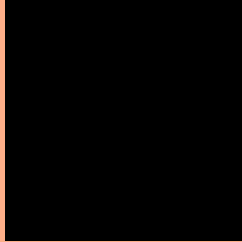
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9323, 0.4191, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 52.9323, 0.4191, 0.3692.



This preview shows how white text looks on a background with the Yxy color 52.9323, 0.4191, 0.3692.

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

52.9323, 0.4191, 0.3692

Protanopia

53.4189, 0.3629, 0.3890

Deuteranopia

53.2421, 0.3948, 0.3872



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

52.9323, 0.4191, 0.3692

Protanomaly

52.8882, 0.3832, 0.3816

Deuteranomaly

52.9742, 0.4031, 0.3802

Tritanomaly

52.9133, 0.3947, 0.3356

Monochromacy



Original Color

52.9323, 0.4191, 0.3692

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5434, 0.3490, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9323, 0.4191, 0.3692 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(253, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(253, 174, 136)  
}
```

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(253, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 174, 136) }
```

Border

The CSS property to change the border of an element to Yxy 52.9323, 0.4191, 0.3692 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(253, 174, 136) }
```

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

```
.border{ border-color:rgb(253, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(253, 174,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9323, 0.4191, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 174, 136) }
```

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

```
.background{ background-color: rgb(253,  
174, 136) }
```

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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