

Converting Colors

Yxy(51.8307, 0.4042, 0.3541)

Have a look what the booklet for
Yxy(51.8307, 0.4042, 0.3541)
contains.

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Color

Yxy(51.8147, 0.4048, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	F9AC95
RGB	249, 172, 149
RGB Percent	98%, 67%, 58%
CMY	0.0234, 0.3255, 0.4158
CMYK	0.00, 0.31, 0.40, 0.02
HSL	14°, 89%, 78%
HSV	14°, 40%, 98%
XYZ	59.2503, 51.8147, 35.3043
YIQ	192.4010, 53.2750, 9.1710

Conversions

Conversions Part 2

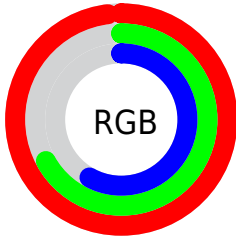
Format	Color
R _Y B	249, 179, 149
Decimal	16362645
CIE Lab	77.17, 25.53, 23.24
CIE LCh	77, 34.522, 42.310
Yxy	51.8147, 0.4048, 0.3540
Android (android.graphics.Color)	4294552725 (0xFFF9AC95)
YUV	192.4010, -21.3967, 49.6373
Hunter-Lab	71.9824, 20.9579, 21.3085

Details

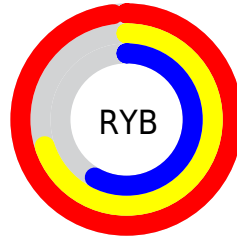
The Yxy color **51.8147, 0.4048, 0.3540** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6299, 0.2531, 0.3019**, and the grayscale version is **53.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0586, 0.3487, 0.3543**, and **25.0226, 0.4299, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **44.3257, 0.4389, 0.3598**, and if you desaturate by 10%, it is **60.5318, 0.3754, 0.3476**.

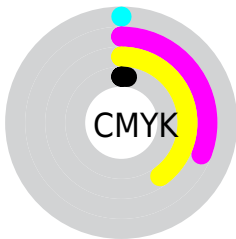
Distribution



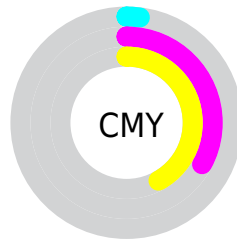
- Red (98%)
- Green (67%)
- Blue (58%)



- Red (98%)
- Yellow (70%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8147, 0.4048, 0.3540 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 51.8147, 0.4048, 0.3540 by changing the saturation by 10% instead.


 51.8147, 0.4048,
0.3540

 51.8147, 0.4048,
0.3540

393.7208, 0.3592,
0.3435

 36.8574, 0.4159,
0.3560


 92.8579, 0.3884,
0.3506

 25.0971, 0.4300,
0.3582


 119.7126, 0.3822,
0.3492

 16.1494, 0.4484,
0.3605


151.3019, 0.3769,
0.3480

 9.6299, 0.4731,
0.3626

188.0101, 0.3723,
0.3469

 5.1543, 0.5079,
0.3634

230.2218, 0.3684,
0.3459

 2.3381, 0.5666,
0.3641

278.3212, 0.3649,

 0.7938, 0.6539,

0.3450

0.3461

332.6927, 0.3619,
0.3442

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8147, 0.4048,
0.3540

51.8147, 0.4048,
0.3540

44.3257, 0.4389,
0.3598

60.5318, 0.3754,
0.3476

38.0014, 0.4773,
0.3641

70.5217, 0.3507,
0.3412

32.7841, 0.5179,
0.3659

81.8358, 0.3301,
0.3349

28.6076, 0.5572,
0.3643

94.5207, 0.3130,
0.3291

■ 25.3984, 0.5907,
0.3586

■ 98.8847, 0.3090,
0.3290

■ 23.0989, 0.6147,
0.3501

Harmonies

Analogous

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



51.8147, 0.3835, 0.3168



51.8147, 0.4048, 0.3540



51.8147, 0.3989, 0.3884

Triad

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



51.8147, 0.4048, 0.3540



51.8147, 0.2802, 0.3810



51.8147, 0.2552, 0.2543

Complementary

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



51.8147, 0.4048, 0.3540



67.6299, 0.2531, 0.3019

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.



51.8147, 0.2321, 0.2644



51.8147, 0.4048, 0.3540



51.8147, 0.2455, 0.3360

Square

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



51.8147, 0.4048, 0.3540



51.8147, 0.3254, 0.4094



51.8147, 0.2286, 0.2930



51.8147, 0.2946, 0.2618

Rectangle

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



51.8147, 0.4048, 0.3540



51.8147, 0.3811, 0.4052



51.8147, 0.2286, 0.2930



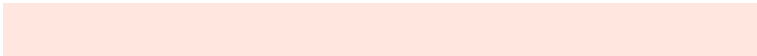
51.8147, 0.2455, 0.2556

Sweetspot

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



51.8172, 0.4048, 0.3540



84.0612, 0.3336, 0.3361



47.1995, 0.3361, 0.2489



17.6483, 0.3362, 0.3369



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.



51.8172, 0.4048, 0.3540



48.3465, 0.4313, 0.3586



73.8588, 0.3838, 0.4034



17.8729, 0.3288, 0.3345



12.5378, 0.6121, 0.3522



1.3146, 0.5896, 0.3700

Inverse Universe

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



67.6299, 0.2531, 0.3019



67.0277, 0.2429, 0.2956



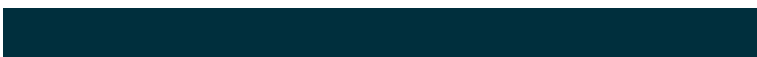
44.8034, 0.2435, 0.2409



18.8918, 0.2980, 0.3234



24.0022, 0.2036, 0.2529



2.3819, 0.2064, 0.2630

Previews

White Background



This preview shows how the Yxy color 51.8147, 0.4048, 0.3540 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 51.8147, 0.4048, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

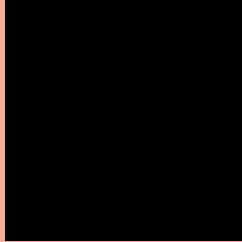
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8147, 0.4048, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 51.8147, 0.4048, 0.3540.



This preview shows how white text looks on a background with the Yxy color 51.8147, 0.4048, 0.3540.

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

51.8147, 0.4048, 0.3540

Protanopia

52.2868, 0.3479, 0.3701

Deuteranopia

51.8209, 0.3793, 0.3713



Tritanopia

51.9960, 0.3797, 0.3165

Trichromacy



Original Color

51.8147, 0.4048, 0.3540

Protanomaly

51.7076, 0.3675, 0.3636

Deuteranomaly

51.7020, 0.3882, 0.3644

Tritanomaly

51.7497, 0.3889, 0.3292

Monochromacy



Original Color

51.8147, 0.4048, 0.3540

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9786, 0.3441, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8147, 0.4048, 0.3540 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(249, 172, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 172, 149)  
}
```

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(249, 172, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 172, 149) }
```

Border

The CSS property to change the border of an element to Yxy 51.8147, 0.4048, 0.3540 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(249, 172, 149) }
```

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

```
.border{ border-color:rgb(249, 172, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 172, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 172, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 172, 149);  
box-shadow:4px 4px 4px 4px rgb(249, 172,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8147, 0.4048, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 172, 149) }
```

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

```
.background{ background-color: rgb(249,  
172, 149) }
```

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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