

Converting Colors

$Y_{xy}(52.2454, 0.4081, 0.3531)$

Have a look what the booklet for
Yxy(52.2454, 0.4081, 0.3531)
contains.

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Color

Yxy(51.9912, 0.4079, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	FCAB95
RGB	252, 171, 149
RGB Percent	99%, 67%, 58%
CMY	0.0118, 0.3294, 0.4158
CMYK	0.00, 0.32, 0.41, 0.01
HSL	13°, 94%, 79%
HSV	13°, 41%, 99%
XYZ	60.1282, 51.9912, 35.2897
YIQ	192.7110, 55.3380, 10.3300

Conversions

Conversions Part 2

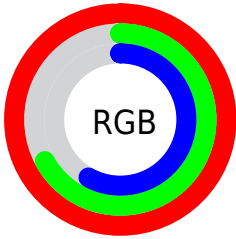
Format	Color
R _Y B	252, 177, 149
Decimal	16558997
CIE Lab	77.28, 27.17, 23.44
CIE LCh	77, 35.886, 40.780
Yxy	51.9912, 0.4079, 0.3527
Android (android.graphics.Color)	4294749077 (0xFFFCAB95)
YUV	192.7110, -21.5495, 51.9965
Hunter-Lab	72.1049, 22.6673, 21.4556

Details

The Yxy color **51.9912, 0.4079, 0.3527** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.9820, 0.2524, 0.3033**, and the grayscale version is **53.2550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5100, 0.3489, 0.3533**, and **25.1762, 0.4342, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **44.3426, 0.4429, 0.3580**, and if you desaturate by 10%, it is **60.9404, 0.3778, 0.3468**.

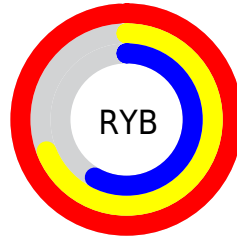
Distribution



Red (99%)

Green (67%)

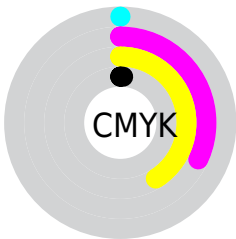
Blue (58%)



Red (99%)

Yellow (69%)

Blue (58%)

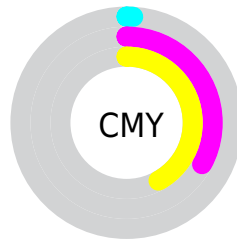


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (1%)



Cyan (1%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9912, 0.4079, 0.3527 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 51.9912, 0.4079, 0.3527 by changing the saturation by 10% instead.


 51.9912, 0.4079,
0.3527


 51.9912, 0.4079,
0.3527


394.4026, 0.3608,
0.3429

 36.9981, 0.4194,
0.3545


 93.1183, 0.3909,
0.3496

 25.2060, 0.4339,
0.3564


 120.0210, 0.3845,
0.3483

 16.2306, 0.4528,
0.3583


151.6623, 0.3791,
0.3472

 9.6875, 0.4783,
0.3598

188.4267, 0.3744,
0.3462

 5.1922, 0.5140,
0.3596

230.6986, 0.3703,
0.3452

 2.3605, 0.5738,
0.3587

278.8622, 0.3667,

 0.8055, 0.6618,

0.3444

0.3382

333.3021, 0.3636,
0.3436

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9912, 0.4079,
0.3527

51.9912, 0.4079,
0.3527

44.3426, 0.4429,
0.3580

60.9404, 0.3778,
0.3468

37.9259, 0.4822,
0.3618

71.2395, 0.3525,
0.3408

32.6775, 0.5235,
0.3632

82.9445, 0.3315,
0.3349

28.5248, 0.5632,
0.3611

96.1060, 0.3141,
0.3295

■ 25.3865, 0.5963,
0.3552

99.4334, 0.3109,
0.3290

■ 23.3231, 0.6179,
0.3476

Harmonies

Analogous

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



51.9912, 0.3845, 0.3144



51.9912, 0.4079, 0.3527



51.9912, 0.4031, 0.3888

Triad

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



51.9912, 0.4079, 0.3527



51.9912, 0.2811, 0.3852



51.9912, 0.2515, 0.2518

Complementary

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



51.9912, 0.4079, 0.3527



69.9820, 0.2524, 0.3033

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.



51.9912, 0.2286, 0.2631



51.9912, 0.4079, 0.3527



51.9912, 0.2444, 0.3387

Square

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



51.9912, 0.4079, 0.3527



51.9912, 0.3282, 0.4135



51.9912, 0.2261, 0.2934



51.9912, 0.2914, 0.2587

Rectangle

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



51.9912, 0.4079, 0.3527



51.9912, 0.3853, 0.4069



51.9912, 0.2261, 0.2934



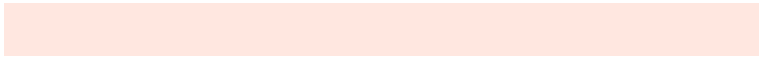
51.9912, 0.2417, 0.2534

Sweetspot

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



51.9937, 0.4079, 0.3527



83.7852, 0.3337, 0.3356



47.9724, 0.3351, 0.2460



17.5838, 0.3362, 0.3363



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.



51.9937, 0.4079, 0.3527



46.9126, 0.4361, 0.3571



74.6207, 0.3859, 0.4031



17.8269, 0.3289, 0.3341



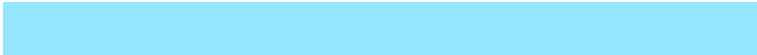
12.3230, 0.6153, 0.3497



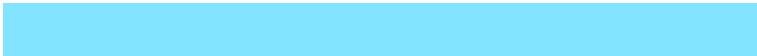
1.2887, 0.5932, 0.3672

Inverse Universe

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



69.9820, 0.2524, 0.3033



67.6052, 0.2422, 0.2972



46.0093, 0.2424, 0.2411



18.9412, 0.2980, 0.3238



24.9453, 0.2052, 0.2585



2.4618, 0.2078, 0.2679

Previews

White Background



This preview shows how the Yxy color 51.9912, 0.4079, 0.3527 looks on a white background.

Color Contrast Check

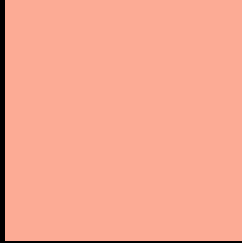
Large Text (above 18pt) WCAG AA × Fail

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 51.9912, 0.4079, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

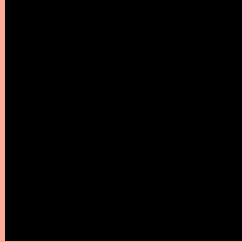
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9912, 0.4079, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 51.9912, 0.4079, 0.3527.



This preview shows how white text looks on a background with the Yxy color 51.9912, 0.4079, 0.3527.

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

51.9912, 0.4079, 0.3527

Protanopia

52.2868, 0.3479, 0.3701

Deuteranopia

51.9811, 0.3802, 0.3711



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

51.9912, 0.4079, 0.3527

Protanomaly

51.8632, 0.3684, 0.3635

Deuteranomaly

52.0405, 0.3900, 0.3642

Tritanomaly

51.9032, 0.3929, 0.3292

Monochromacy



Original Color

51.9912, 0.4079, 0.3527

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1684, 0.3441, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9912, 0.4079, 0.3527 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(252, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(252, 171, 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(252, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 171, 149) }
```

Border

The CSS property to change the border of an element to Yxy 51.9912, 0.4079, 0.3527 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(252, 171, 149) }
```

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

```
.border{ border-color:rgb(252, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(252, 171,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9912, 0.4079, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 171, 149) }
```

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

```
.background{ background-color: rgb(252,  
171, 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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