

Converting Colors

$Y_{xy}(55.0173, 0.4275, 0.3851)$

Have a look what the booklet for
Yxy(55.0173, 0.4275, 0.3851)
contains.

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Color

Yxy(54.9809, 0.4275, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	FFB37D
RGB	255, 179, 125
RGB Percent	100%, 70%, 49%
CMY	0.0000, 0.2980, 0.5098
CMYK	0.00, 0.30, 0.51, 0.00
HSL	25°, 100%, 75%
HSV	25°, 51%, 100%
XYZ	61.0661, 54.9809, 26.7977
YIQ	195.5680, 62.6300, -0.6820

Conversions

Conversions Part 2

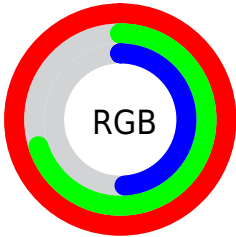
Format	Color
R _Y B	255, 217, 125
Decimal	16757629
CIE Lab	79.03, 21.83, 38.51
CIE LCh	79, 44.267, 60.452
Yxy	54.9809, 0.4275, 0.3849
Android (android.graphics.Color)	4294947709 (0xFFFFB37D)
YUV	195.5680, -34.7900, 52.1219
Hunter-Lab	74.1491, 17.2441, 30.4768

Details

The Yxy color **54.9809, 0.4275, 0.3849** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3573, 0.2333, 0.2626**, and the grayscale version is **55.1132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8910, 0.3639, 0.3866**, and **27.0318, 0.4560, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **48.7541, 0.4585, 0.3935**, and if you desaturate by 10%, it is **62.0211, 0.3988, 0.3744**.

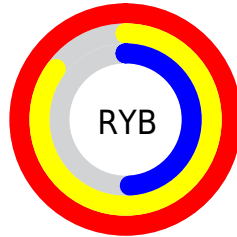
Distribution



Red (100%)

Green (70%)

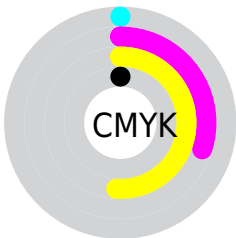
Blue (49%)



Red (100%)

Yellow (85%)

Blue (49%)

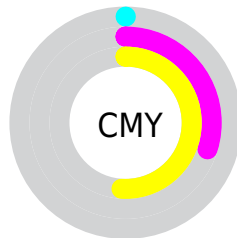


Cyan (0%)

Magenta (30%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9809, 0.4275, 0.3849 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 54.9809, 0.4275, 0.3849 by changing the saturation by 10% instead.


 54.9809, 0.4275,
0.3849

 54.9809, 0.4275,
0.3849


405.8395, 0.3720,
0.3609


 39.3864, 0.4404,
0.3895

 97.5130, 0.4079,
0.3772

 27.0605, 0.4564,
0.3947


 125.2194, 0.4004,
0.3740

 17.6186, 0.4764,
0.4003


 157.7318, 0.3940,
0.3711

 10.6765, 0.5019,
0.4055

195.4348, 0.3884,
0.3686

 5.8498, 0.5349,
0.4087

238.7127, 0.3835,
0.3664

 2.7540, 0.5877,
0.4123

287.9498, 0.3792,

 1.0047, 0.6229,

0.3644

0.3771

343.5306, 0.3754,
0.3625

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9809, 0.4275,
0.3849

54.9809, 0.4275,
0.3849

48.7541, 0.4585,
0.3935

62.0211, 0.3988,
0.3744

43.3072, 0.4904,
0.3988

69.9059, 0.3731,
0.3631

38.6036, 0.5212,
0.3996

78.6648, 0.3506,
0.3516

34.6026, 0.5484,
0.3950

88.3253, 0.3310,
0.3405

■ 31.5504, 0.5686,
0.3867

98.9141, 0.3142,
0.3300

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



54.9809, 0.4221, 0.3399



54.9809, 0.4275, 0.3849



54.9809, 0.3998, 0.4217

Triad

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



54.9809, 0.4275, 0.3849



54.9809, 0.2435, 0.3610



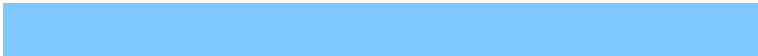
54.9809, 0.2684, 0.2406

Complementary

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



54.9809, 0.4275, 0.3849



53.3573, 0.2333, 0.2626

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.



54.9809, 0.2277, 0.2390



54.9809, 0.4275, 0.3849



54.9809, 0.2142, 0.3022

Square

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



54.9809, 0.4275, 0.3849



54.9809, 0.2926, 0.4139



54.9809, 0.2091, 0.2592



54.9809, 0.3250, 0.2612

Rectangle

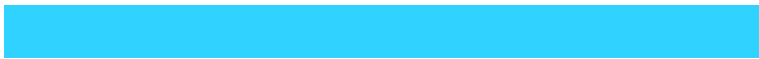
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9809, 0.4275, 0.3849



54.9809, 0.3681, 0.4347



54.9809, 0.2091, 0.2592



54.9809, 0.2526, 0.2378

Sweetspot

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



54.9809, 0.4275, 0.3849



84.3293, 0.3385, 0.3449



40.2410, 0.3693, 0.2504



17.6144, 0.3427, 0.3473



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.



54.9809, 0.4275, 0.3849



48.7410, 0.4585, 0.3935



86.2455, 0.3934, 0.4424



19.2265, 0.3284, 0.3389



16.7638, 0.5657, 0.3890



1.8418, 0.5453, 0.4052

Inverse Universe

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



53.3573, 0.2333, 0.2626



46.8952, 0.2196, 0.2467



29.7593, 0.2173, 0.1816



19.1426, 0.2979, 0.3189



15.3200, 0.1852, 0.1866



1.7074, 0.1901, 0.2044

Previews

White Background



This preview shows how the Yxy color 54.9809, 0.4275, 0.3849 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 54.9809, 0.4275, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

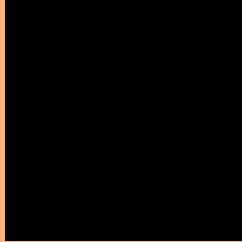
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9809, 0.4275, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 54.9809, 0.4275, 0.3849.



This preview shows how white text looks on a background with the Yxy color 54.9809, 0.4275, 0.3849.

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

54.9809, 0.4275, 0.3849

Protanopia

55.1428, 0.3755, 0.4055

Deuteranopia

54.9752, 0.4089, 0.3994



Tritanopia

55.0349, 0.3759, 0.3176

Trichromacy



Original Color

54.9809, 0.4275, 0.3849

Protanomaly

54.9059, 0.3946, 0.3985

Deuteranomaly

54.9693, 0.4159, 0.3936

Tritanomaly

54.9550, 0.3955, 0.3429

Monochromacy



Original Color

54.9809, 0.4275, 0.3849

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4809, 0.3515, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9809, 0.4275, 0.3849 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, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 125)  
}
```

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, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 125) }
```

Border

The CSS property to change the border of an element to Yxy 54.9809, 0.4275, 0.3849 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, 179, 125) }
```

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

```
.border{ border-color:rgb(255, 179, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9809, 0.4275, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 125) }
```

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

```
.background{ background-color: rgb(255,  
179, 125) }
```

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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