

# Converting Colors

$Y_{xy}(43.5874, 0.4409, 0.3751)$

Have a look what the booklet for  
Yxy(43.5874, 0.4409, 0.3751)  
contains.

<b>Yxy(43.3357, 0.4409, 0.3748)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(43.3357, 0.4409, 0.3748)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F19B71
RGB	241, 155, 113
RGB Percent	95%, 61%, 44%
CMY	0.0549, 0.3921, 0.5567
CMYK	0.00, 0.36, 0.53, 0.05
HSL	20°, 82%, 69%
HSV	20°, 53%, 95%
XYZ	50.9784, 43.3357, 21.3094
YIQ	175.9260, 64.7380, 5.1700

# Conversions

## Conversions Part 2

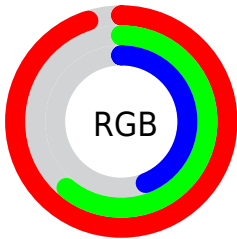
Format	Color
R <sub>Y</sub> B	241, 176, 113
Decimal	15833969
CIE Lab	71.78, 27.87, 35.23
CIE LCh	72, 44.922, 51.652
Yxy	43.3357, 0.4409, 0.3748
Android (android.graphics.Color)	4294024049 (0xFFFF19B71)
YUV	175.9260, -31.0225, 57.0699
Hunter-Lab	65.8299, 23.0275, 26.8885

# Details

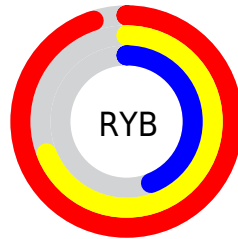
The Yxy color **43.3357, 0.4409, 0.3748** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.7211, 0.2336, 0.2748**, and the grayscale version is **43.5175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0698, 0.3811, 0.3757**, and **19.8944, 0.4765, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **37.8310, 0.4759, 0.3808**, and if you desaturate by 10%, it is **49.7119, 0.4088, 0.3669**.

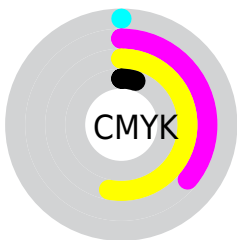
# Distribution



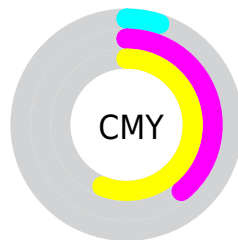
- Red (95%)
- Green (61%)
- Blue (44%)



- Red (95%)
- Yellow (69%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (53%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3357, 0.4409, 0.3748 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 43.3357, 0.4409, 0.3748 by changing the saturation by 10% instead.





 43.3357, 0.4409,  
0.3748


 43.3357, 0.4409,  
0.3748


359.9905, 0.3761,  
0.3555


 30.1486, 0.4568,  
0.3782


 80.2172, 0.4175,  
0.3688

 19.9514, 0.4767,  
0.3816

 104.6804, 0.4086,  
0.3662

 12.3597, 0.5024,  
0.3845


 133.6711, 0.4011,  
0.3639

 6.9892, 0.5360,  
0.3853

 167.5736, 0.3947,  
0.3619

 3.4553, 0.5932,  
0.3885

206.7724, 0.3891,  
0.3600

 1.3738, 0.6404,  
0.3596

251.6519, 0.3842,

 0.1973, 0.8148,

0.3584

0.1852

302.5965, 0.3799,  
0.3569

0.0000, 0.0000,  
0.0000

43.3357, 0.4409,  
0.3748

43.3357, 0.4409,  
0.3748

37.8310, 0.4759,  
0.3808

49.7119, 0.4088,  
0.3669

33.1509, 0.5120,  
0.3835

56.9903, 0.3805,  
0.3580

29.2537, 0.5463,  
0.3817

65.2082, 0.3561,  
0.3488

26.0903, 0.5756,  
0.3750

74.3987, 0.3352,  
0.3399

24.2995, 0.5920,  
0.3681

84.5930, 0.3176,  
0.3315

95.6507, 0.3042,  
0.3262

97.4403, 0.3041,  
0.3290

# Harmonies

## Analogous

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



43.3357, 0.4238, 0.3257



43.3357, 0.4409, 0.3748



43.3357, 0.4196, 0.4194

# Triad

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



43.3357, 0.4409, 0.3748



43.3357, 0.2506, 0.3835



43.3357, 0.2489, 0.2303

# Complementary

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



43.3357, 0.4409, 0.3748



50.7211, 0.2336, 0.2748

# 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.



43.3357, 0.2118, 0.2348



43.3357, 0.4409, 0.3748



43.3357, 0.2120, 0.3168

# Square

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



43.3357, 0.4409, 0.3748



43.3357, 0.3082, 0.4347



43.3357, 0.1991, 0.2635



43.3357, 0.3066, 0.2470



# Rectangle

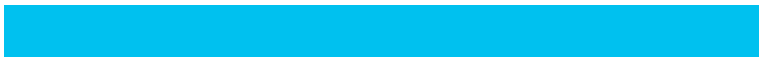
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3357, 0.4409, 0.3748



43.3357, 0.3889, 0.4401



43.3357, 0.1991, 0.2635



43.3357, 0.2340, 0.2293

# Sweetspot

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



43.3379, 0.4409, 0.3748



81.3828, 0.3410, 0.3425



34.7100, 0.3601, 0.2374



16.9525, 0.3453, 0.3443



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.



43.3379, 0.4409, 0.3748



42.3814, 0.4798, 0.3812



69.7963, 0.4020, 0.4370



16.6056, 0.3285, 0.3368



13.3961, 0.5890, 0.3705



1.2894, 0.5635, 0.3908



# Inverse Universe

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



50.7211, 0.2336, 0.2748



51.4772, 0.2203, 0.2611



27.6107, 0.2161, 0.1890



17.0042, 0.2981, 0.3211



17.7037, 0.1939, 0.2181



1.6535, 0.1985, 0.2344



# Previews

## White Background



This preview shows how the Yxy color 43.3357, 0.4409, 0.3748 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 43.3357, 0.4409, 0.3748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

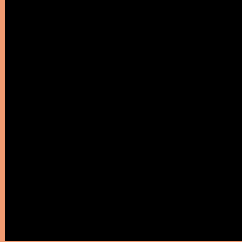
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.3357, 0.4409, 0.3748**

## Background



This preview shows how black text looks on a background with the Yxy color 43.3357, 0.4409, 0.3748.



This preview shows how white text looks on a background with the Yxy color 43.3357, 0.4409, 0.3748.

# 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

43.3357, 0.4409, 0.3748

### Protanopia

43.5322, 0.3727, 0.4004

### Deuteranopia

43.2772, 0.4086, 0.3996



## Tritanopia

43.4454, 0.3998, 0.3172

# Trichromacy



**Original Color**

43.3357, 0.4409, 0.3748

**Protanomaly**

42.8925, 0.3968, 0.3901

**Deuteranomaly**

43.0301, 0.4205, 0.3900

**Tritanomaly**

43.3495, 0.4159, 0.3381

# Monochromacy



**Original Color**

43.3357, 0.4409, 0.3748

**Achromatopsia**

43.4154, 0.3127, 0.3290

**Achromatomaly**

42.5845, 0.3565, 0.3484

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.3357, 0.4409, 0.3748 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(241, 155, 113)` looks like.

```
.text, #text, p{  
    color:rgb(241, 155, 113)  
}
```

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(241, 155, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 155, 113) }
```

## Border

The CSS property to change the border of an element to Yxy 43.3357, 0.4409, 0.3748 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(241, 155, 113) }
```

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

```
.border{ border-color:rgb(241, 155, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 155, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 155, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 155, 113); box-shadow:4px 4px 4px 4px rgb(241, 155, 113) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.3357, 0.4409, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 155, 113) }
```

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

```
.background{ background-color: rgb(241,  
155, 113) }
```

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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