

Converting Colors

Yxy(43.0620, 0.4864, 0.3928)

Have a look what the booklet for
Yxy(43.0620, 0.4864, 0.3928)
contains.

Yxy(43.0339, 0.4863, 0.3925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.0339, 0.4863, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	FF9451
RGB	255, 148, 81
RGB Percent	100%, 58%, 32%
CMY	0.0000, 0.4196, 0.6822
CMYK	0.00, 0.42, 0.68, 0.00
HSL	23°, 100%, 66%
HSV	23°, 68%, 100%
XYZ	53.3182, 43.0339, 13.2884
YIQ	172.3550, 85.2790, 1.8470

Conversions

Conversions Part 2

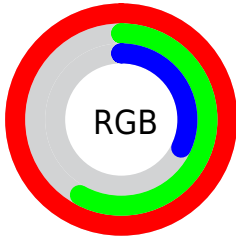
Format	Color
RYB	255, 190, 81
Decimal	16749649
CIELab	71.58, 34.87, 51.79
CIELCh	72, 62.438, 56.045
Yxy	43.0339, 0.4863, 0.3925
Android (android.graphics.Color)	4294939729 (0xFFFF9451)
YUV	172.3550, -45.0380, 72.4797
Hunter-Lab	65.6002, 30.2798, 33.9100

Details

The Yxy color **43.0339, 0.4863, 0.3925** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **44.9544, 0.2125, 0.2422**, and the grayscale version is **41.6467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6653, 0.4079, 0.4008**, and **19.7969, 0.5296, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **38.1297, 0.5192, 0.3941**, and if you desaturate by 10%, it is **48.7506, 0.4530, 0.3868**.

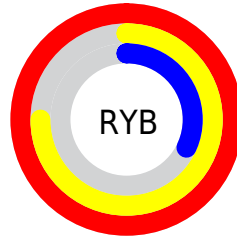
Distribution



Red (100%)

Green (58%)

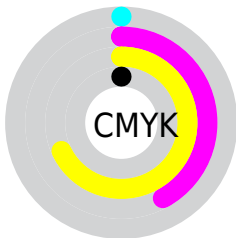
Blue (32%)



Red (100%)

Yellow (75%)

Blue (32%)

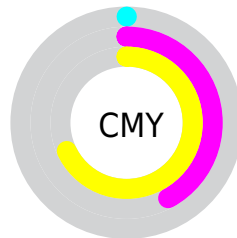


Cyan (0%)

Magenta (42%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0339, 0.4863, 0.3925 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 43.0339, 0.4863, 0.3925 by changing the saturation by 10% instead.


 43.0339, 0.4863,
0.3925


 43.0339, 0.4863,
0.3925


358.7512, 0.4008,
0.3689


 29.9117, 0.5058,
0.3952


 79.7620, 0.4563,
0.3862

 19.7716, 0.5293,
0.3967


 104.1367, 0.4447,
0.3832


 12.2291, 0.5575,
0.3954


 133.0311, 0.4347,
0.3803

 6.8999, 0.5972,
0.3923

 166.8295, 0.4260,
0.3776

 3.3996, 0.6305,
0.3695

 205.9163, 0.4185,
0.3751

 1.3437, 0.6728,
0.3272

250.6759, 0.4119,

 0.1747, 0.8550,

0.3729

0.1450

301.4927, 0.4060,
0.3708

0.0000, 0.0000,
0.0000

43.0339, 0.4863,
0.3925

43.0339, 0.4863,
0.3925

38.1297, 0.5192,
0.3941

48.7506, 0.4530,
0.3868

33.9910, 0.5490,
0.3904

55.3160, 0.4214,
0.3784


30.5672, 0.5733,
0.3817

62.7677, 0.3926,
0.3684

30.0244, 0.5772,
0.3799

71.1398, 0.3672,
0.3577

80.4643, 0.3451,
0.3471

 90.7717, 0.3262,
0.3369

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.



43.0339, 0.4742, 0.3292



43.0339, 0.4863, 0.3925



43.0339, 0.4461, 0.4537

Triad

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



43.0339, 0.4863, 0.3925



43.0339, 0.2169, 0.3919



43.0339, 0.2354, 0.2007

Complementary

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



43.0339, 0.4863, 0.3925



44.9544, 0.2125, 0.2422

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.



43.0339, 0.1841, 0.2005



43.0339, 0.4863, 0.3925



43.0339, 0.1734, 0.2956

Square

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



43.0339, 0.4863, 0.3925



43.0339, 0.2899, 0.4749



43.0339, 0.1634, 0.2300



43.0339, 0.3156, 0.2258

Rectangle

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



43.0339, 0.4863, 0.3925



43.0339, 0.4001, 0.4844



43.0339, 0.1634, 0.2300



43.0339, 0.2149, 0.1977

Sweetspot

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



43.0350, 0.4863, 0.3925



78.7328, 0.3488, 0.3490



30.7954, 0.3948, 0.2281



16.2805, 0.3549, 0.3520



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.



43.0350, 0.4863, 0.3925



36.4774, 0.5310, 0.3933



81.1024, 0.4180, 0.4686



19.1333, 0.3285, 0.3382



15.9553, 0.5743, 0.3822



1.7573, 0.5531, 0.3990

Inverse Universe

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



44.9544, 0.2125, 0.2422



38.2692, 0.1991, 0.2214



18.3439, 0.1850, 0.1299



19.2382, 0.2979, 0.3196



16.6434, 0.1882, 0.1974



1.8323, 0.1928, 0.2140

Previews

White Background



This preview shows how the Yxy color 43.0339, 0.4863, 0.3925 looks on a white background.

Color Contrast Check

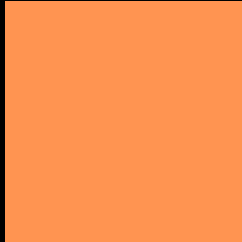
Large Text (above 18pt) WCAG AA × Fail

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 43.0339, 0.4863, 0.3925 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 43.0339, 0.4863, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 43.0339, 0.4863, 0.3925.



This preview shows how white text looks on a background with the Yxy color 43.0339, 0.4863, 0.3925.

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

43.0339, 0.4863, 0.3925

Protanopia

43.2582, 0.4010, 0.4378

Deuteranopia

43.0647, 0.4407, 0.4309



Tritanopia

42.8730, 0.4208, 0.3189

Trichromacy



Original Color

43.0339, 0.4863, 0.3925

Protanomaly

42.5595, 0.4317, 0.4207

Deuteranomaly

42.6806, 0.4573, 0.4162

Tritanomaly

42.7129, 0.4478, 0.3479

Monochromacy



Original Color

43.0339, 0.4863, 0.3925

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6150, 0.3734, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0339, 0.4863, 0.3925 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, 148, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 81)  
}
```

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, 148, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 81) }
```

Border

The CSS property to change the border of an element to Yxy 43.0339, 0.4863, 0.3925 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, 148, 81) }
```

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

```
.border{ border-color:rgb(255, 148, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0339, 0.4863, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 81) }
```

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

```
.background{ background-color: rgb(255,  
148, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor