

Converting Colors

$Y_{xy}(43.2190, 0.4872, 0.3941)$

Have a look what the booklet for
Yxy(43.2190, 0.4872, 0.3941)
contains.

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Color

Yxy(43.3194, 0.4869, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	FF954F
RGB	255, 149, 79
RGB Percent	100%, 58%, 31%
CMY	0.0000, 0.4156, 0.6900
CMYK	0.00, 0.42, 0.69, 0.00
HSL	24°, 100%, 65%
HSV	24°, 69%, 100%
XYZ	53.3980, 43.3194, 12.9520
YIQ	172.7140, 85.6460, 0.7020

Conversions

Conversions Part 2

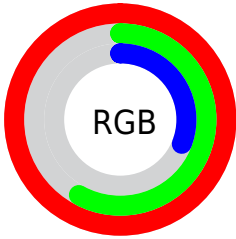
Format	Color
RYB	255, 195, 79
Decimal	16749903
CIELab	71.77, 34.25, 52.97
CIElCh	72, 63.076, 57.115
Yxy	43.3194, 0.4869, 0.3950
Android (android.graphics.Color)	4294939983 (0xFFFF954F)
YUV	172.7140, -46.2010, 72.1648
Hunter-Lab	65.8175, 29.6373, 34.4048

Details

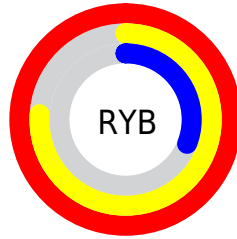
The Yxy color **43.3194, 0.4869, 0.3950** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **43.5920, 0.2109, 0.2379**, and the grayscale version is **41.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0844, 0.4088, 0.4037**, and **19.9707, 0.5295, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **38.4743, 0.5190, 0.3964**, and if you desaturate by 10%, it is **48.9523, 0.4542, 0.3893**.

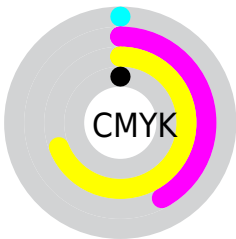
Distribution



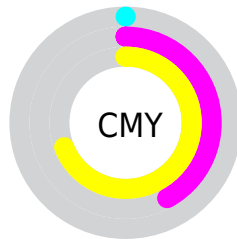
- Red (100%)
- Green (58%)
- Blue (31%)



- Red (100%)
- Yellow (76%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3194, 0.4869, 0.3950 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 43.3194, 0.4869, 0.3950 by changing the saturation by 10% instead.


 43.3194, 0.4869,
0.3950


 43.3194, 0.4869,
0.3950


359.9237, 0.4014,
0.3704

 30.1358, 0.5063,
0.3978


 80.1926, 0.4570,
0.3884


 19.9417, 0.5295,
0.3995


 104.6510, 0.4454,
0.3852

 12.3527, 0.5572,
0.3983


 133.6365, 0.4354,
0.3822

 6.9843, 0.5970,
0.3959

 167.5335, 0.4267,
0.3795

 3.4523, 0.6276,
0.3724

 206.7262, 0.4192,
0.3769

 1.3722, 0.6691,
0.3309

251.5993, 0.4125,

 0.1961, 0.8408,

0.3745

0.1592

302.5369, 0.4066,
0.3724

0.0000, 0.0000,
0.0000

43.3194, 0.4869,
0.3950

43.3194, 0.4869,
0.3950

38.4743, 0.5190,
0.3964

48.9523, 0.4542,
0.3893

34.3681, 0.5479,
0.3926

55.4043, 0.4229,
0.3807

30.9510, 0.5714,
0.3837

62.7129, 0.3942,
0.3705

30.6436, 0.5736,
0.3827

70.9107, 0.3688,
0.3595

80.0286, 0.3466,
0.3485

 90.0957, 0.3275,
0.3380

99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



43.3194, 0.4769, 0.3313



43.3194, 0.4869, 0.3950



43.3194, 0.4448, 0.4564

Triad

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



43.3194, 0.4869, 0.3950



43.3194, 0.2140, 0.3888



43.3194, 0.2373, 0.2004

Complementary

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



43.3194, 0.4869, 0.3950



43.5920, 0.2109, 0.2379

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.



43.3194, 0.1846, 0.1992



43.3194, 0.4869, 0.3950



43.3194, 0.1716, 0.2922

Square

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



43.3194, 0.4869, 0.3950



43.3194, 0.2867, 0.4742



43.3194, 0.1627, 0.2276



43.3194, 0.3189, 0.2264

Rectangle

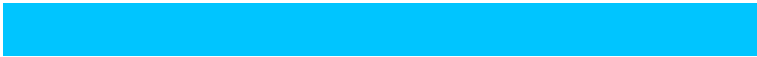
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3194, 0.4869, 0.3950



43.3194, 0.3978, 0.4867



43.3194, 0.1627, 0.2276



43.3194, 0.2162, 0.1971

Sweetspot

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



43.3217, 0.4869, 0.3950



78.1371, 0.3508, 0.3507



30.4679, 0.3962, 0.2275



16.1767, 0.3568, 0.3537



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.



43.3217, 0.4869, 0.3950



36.7487, 0.5311, 0.3956



80.9344, 0.4189, 0.4696



19.1723, 0.3284, 0.3385



16.2848, 0.5707, 0.3850



1.7920, 0.5498, 0.4016

Inverse Universe

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



43.5920, 0.2109, 0.2379



36.8053, 0.1972, 0.2161



17.9157, 0.1837, 0.1276



19.1982, 0.2979, 0.3193



16.0794, 0.1869, 0.1928



1.7792, 0.1917, 0.2099

Previews

White Background



This preview shows how the Yxy color 43.3194, 0.4869, 0.3950 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 43.3194, 0.4869, 0.3950 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 43.3194, 0.4869, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 43.3194, 0.4869, 0.3950.



This preview shows how white text looks on a background with the Yxy color 43.3194, 0.4869, 0.3950.

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

43.3194, 0.4869, 0.3950

Protanopia

43.3574, 0.4034, 0.4395

Deuteranopia

43.5597, 0.4421, 0.4332



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.3194, 0.4869, 0.3950

Protanomaly

42.6800, 0.4342, 0.4222

Deuteranomaly

43.1673, 0.4587, 0.4184

Tritanomaly

43.0172, 0.4472, 0.3489

Monochromacy



Original Color

43.3194, 0.4869, 0.3950

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1115, 0.3740, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3194, 0.4869, 0.3950 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, 149, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 79)  
}
```

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, 149, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 79) }
```

Border

The CSS property to change the border of an element to Yxy 43.3194, 0.4869, 0.3950 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, 149, 79) }
```

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

```
.border{ border-color:rgb(255, 149, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3194, 0.4869, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 79) }
```

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

```
.background{ background-color: rgb(255,  
149, 79) }
```

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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