

Converting Colors

$Yxy(43.0873, 0.4829, 0.3963)$

Have a look what the booklet for
Yxy(43.0873, 0.4829, 0.3963)
contains.

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Color

Yxy(43.0873, 0.4829, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	FC9650
RGB	252, 150, 80
RGB Percent	99%, 59%, 31%
CMY	0.0117, 0.4118, 0.6864
CMYK	0.00, 0.40, 0.68, 0.01
HSL	24°, 97%, 65%
HSV	24°, 68%, 99%
XYZ	52.5028, 43.0873, 13.1339
YIQ	172.5180, 83.2620, -0.1460

Conversions

Conversions Part 2

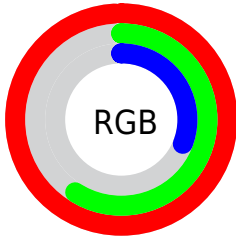
Format	Color
R _Y B	252, 198, 80
Decimal	16553552
CIE Lab	71.61, 32.61, 52.24
CIE LCh	72, 61.580, 58.030
Yxy	43.0873, 0.4829, 0.3963
Android (android.graphics.Color)	4294743632 (0xFFFC9650)
YUV	172.5180, -45.6114, 69.7057
Hunter-Lab	65.6409, 27.9014, 34.0855

Details

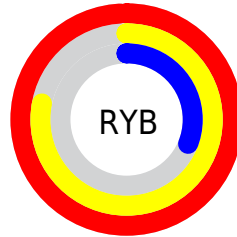
The Yxy color **43.0873, 0.4829, 0.3963** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **42.1866, 0.2112, 0.2369**, and the grayscale version is **41.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5886, 0.4076, 0.4037**, and **19.7712, 0.5247, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **38.3153, 0.5147, 0.3983**, and if you desaturate by 10%, it is **48.6117, 0.4507, 0.3901**.

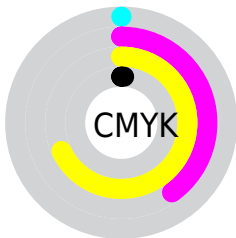
Distribution



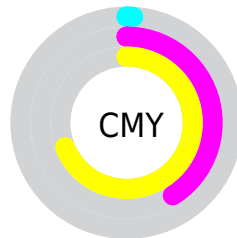
- Red (99%)
- Green (59%)
- Blue (31%)



- Red (99%)
- Yellow (78%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0873, 0.4829, 0.3963 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 43.0873, 0.4829, 0.3963 by changing the saturation by 10% instead.


 43.0873, 0.4829,
0.3963


 43.0873, 0.4829,
0.3963


358.9707, 0.3992,
0.3706


 29.9536, 0.5019,
0.3995


 79.8426, 0.4536,
0.3892

 19.8034, 0.5248,
0.4017


 104.2330, 0.4422,
0.3859

 12.2522, 0.5522,
0.4013


 133.1444, 0.4324,
0.3828

 6.9157, 0.5912,
0.3997

 166.9612, 0.4239,
0.3799

 3.4094, 0.6222,
0.3778

 206.0679, 0.4166,
0.3772

 1.3490, 0.6627,
0.3373

250.8487, 0.4101,

 0.1787, 0.8447,

0.3748

0.1553

301.6882, 0.4043,
0.3726

■ 0.0000, 0.0000,
0.0000

■ 43.0873, 0.4829,
0.3963

■ 43.0873, 0.4829,
0.3963

■ 38.3153, 0.5147,
0.3983

■ 48.6117, 0.4507,
0.3901

■ 34.2495, 0.5434,
0.3951

■ 54.9172, 0.4199,
0.3811

■ 30.8451, 0.5671,
0.3866

■ 62.0391, 0.3918,
0.3706


■ 30.3144, 0.5709,
0.3849

■ 70.0080, 0.3668,
0.3594

■ 78.8527, 0.3450,
0.3482

 88.6007, 0.3262,
0.3374

 99.1883, 0.3109,
0.3286

 99.4384, 0.3109,
0.3290

Harmonies

Analogous

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



43.0873, 0.4746, 0.3335



43.0873, 0.4829, 0.3963



43.0873, 0.4407, 0.4560

Triad

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



43.0873, 0.4829, 0.3963



43.0873, 0.2143, 0.3845



43.0873, 0.2409, 0.2031

Complementary

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



43.0873, 0.4829, 0.3963



42.1866, 0.2112, 0.2369

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.



43.0873, 0.1880, 0.2012



43.0873, 0.4829, 0.3963



43.0873, 0.1734, 0.2908

Square

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



43.0873, 0.4829, 0.3963



43.0873, 0.2851, 0.4688



43.0873, 0.1655, 0.2284



43.0873, 0.3216, 0.2294

Rectangle

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



43.0873, 0.4829, 0.3963



43.0873, 0.3943, 0.4846



43.0873, 0.1655, 0.2284



43.0873, 0.2199, 0.1996

Sweetspot

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



43.0895, 0.4829, 0.3963



79.3392, 0.3486, 0.3501



29.8594, 0.3987, 0.2308



16.4248, 0.3546, 0.3532



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.



43.0895, 0.4829, 0.3963



37.6910, 0.5260, 0.3977



80.5860, 0.4161, 0.4707



18.3852, 0.3284, 0.3387



16.0609, 0.5679, 0.3873



1.6899, 0.5463, 0.4044

Inverse Universe

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



42.1866, 0.2112, 0.2369



36.5078, 0.1973, 0.2149



17.3164, 0.1843, 0.1268



18.3544, 0.2980, 0.3191



15.2265, 0.1860, 0.1897



1.6185, 0.1911, 0.2080

Previews

White Background



This preview shows how the Yxy color 43.0873, 0.4829, 0.3963 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 43.0873, 0.4829, 0.3963 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 43.0873, 0.4829, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 43.0873, 0.4829, 0.3963.



This preview shows how white text looks on a background with the Yxy color 43.0873, 0.4829, 0.3963.

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

43.0873, 0.4829, 0.3963

Protanopia

43.2246, 0.4024, 0.4399

Deuteranopia

43.0647, 0.4407, 0.4309



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.0873, 0.4829, 0.3963

Protanomaly

42.7404, 0.4315, 0.4241

Deuteranomaly

42.8486, 0.4562, 0.4185

Tritanomaly

43.1350, 0.4457, 0.3501

Monochromacy



Original Color

43.0873, 0.4829, 0.3963

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3309, 0.3727, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0873, 0.4829, 0.3963 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, 150, 80)` looks like.

```
.text, #text, p{  
    color:rgb(252, 150, 80)  
}
```

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, 150, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 150, 80) }
```

Border

The CSS property to change the border of an element to Yxy 43.0873, 0.4829, 0.3963 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, 150, 80) }
```

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

```
.border{ border-color:rgb(252, 150, 80) }
```

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

Here you see how a box with a 4 pixel rgb(252, 150, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 150, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 150, 80);  
box-shadow:4px 4px 4px 4px rgb(252, 150,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0873, 0.4829, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 150, 80) }
```

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

```
.background{ background-color: rgb(252,  
150, 80) }
```

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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