

Converting Colors

Yxy(64.1685, 0.5399, 0.3665)

Have a look what the booklet for
Yxy(64.1685, 0.5399, 0.3665)
contains.

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Color

Yxy(43.1279, 0.4816, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	FF9457
RGB	255, 148, 87
RGB Percent	100%, 58%, 34%
CMY	0.0000, 0.4195, 0.6590
CMYK	0.00, 0.42, 0.66, 0.00
HSL	22°, 100%, 67%
HSV	22°, 66%, 100%
XYZ	53.5458, 43.1279, 14.5094
YIQ	173.0390, 83.3530, 3.7130

Conversions

Conversions Part 2

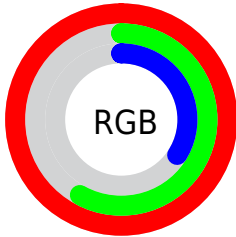
Format	Color
R _Y B	255, 183, 87
Decimal	16749655
CIE Lab	71.64, 35.19, 48.95
CIE LCh	72, 60.285, 54.292
Yxy	43.1279, 0.4816, 0.3879
Android (android.graphics.Color)	4294939735 (0xFFFF9457)
YUV	173.0390, -42.4172, 71.8798
Hunter-Lab	65.6718, 30.6149, 32.8709

Details

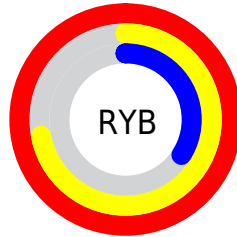
The Yxy color **43.1279, 0.4816, 0.3879** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **47.7951, 0.2163, 0.2506**, and the grayscale version is **41.9987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8360, 0.4035, 0.3950**, and **19.8431, 0.5239, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **38.0435, 0.5159, 0.3901**, and if you desaturate by 10%, it is **49.0781, 0.4476, 0.3820**.

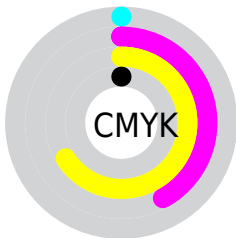
Distribution



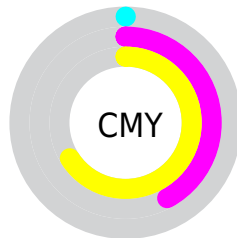
- Red (100%)
- Green (58%)
- Blue (34%)



- Red (100%)
- Yellow (72%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1279, 0.4816, 0.3879 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 43.1279, 0.4816, 0.3879 by changing the saturation by 10% instead.

 43.1279, 0.4816,
0.3879


 43.1279, 0.4816,
0.3879


359.1375, 0.3979,
0.3658

 29.9855, 0.5010,
0.3905


 79.9038, 0.4521,
0.3820


 19.8276, 0.5245,
0.3921


 104.3061, 0.4407,
0.3791


 12.2698, 0.5532,
0.3912


 133.2305, 0.4309,
0.3764

 6.9277, 0.5911,
0.3870

 167.0614, 0.4225,
0.3739

 3.4169, 0.6314,
0.3686

 206.1831, 0.4151,
0.3716

 1.3531, 0.6738,
0.3262

250.9801, 0.4087,

 0.1817, 0.8520,

0.3695

0.1480

301.8368, 0.4030,
0.3676

■ 0.0000, 0.0000,
0.0000

■ 43.1279, 0.4816,
0.3879

■ 43.1279, 0.4816,
0.3879

■ 38.0435, 0.5159,
0.3901

■ 49.0781, 0.4476,
0.3820

■ 33.7723, 0.5476,
0.3874

■ 55.9291, 0.4157,
0.3736


■ 30.2647, 0.5739,
0.3794

■ 63.7218, 0.3871,
0.3639

■ 29.0267, 0.5832,
0.3752

■ 72.4923, 0.3621,
0.3538

■ 82.2749, 0.3406,
0.3438

 93.1019, 0.3222,
0.3343

99.9978, 0.3127,
0.3290

Harmonies

Analogous

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



43.1279, 0.4662, 0.3263



43.1279, 0.4816, 0.3879



43.1279, 0.4458, 0.4474

Triad

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



43.1279, 0.4816, 0.3879



43.1279, 0.2236, 0.3952



43.1279, 0.2342, 0.2036

Complementary

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



43.1279, 0.4816, 0.3879



47.7951, 0.2163, 0.2506

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.



43.1279, 0.1859, 0.2052



43.1279, 0.4816, 0.3879



43.1279, 0.1791, 0.3020

Square

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



43.1279, 0.4816, 0.3879



43.1279, 0.2959, 0.4721



43.1279, 0.1674, 0.2361



43.1279, 0.3106, 0.2267

Rectangle

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



43.1279, 0.4816, 0.3879



43.1279, 0.4024, 0.4776



43.1279, 0.1674, 0.2361



43.1279, 0.2147, 0.2012

Sweetspot

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



43.1302, 0.4816, 0.3879



78.1455, 0.3490, 0.3479



32.0607, 0.3838, 0.2253



16.1410, 0.3551, 0.3507



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.



43.1302, 0.4816, 0.3879



36.6373, 0.5261, 0.3898



78.4185, 0.4188, 0.4613



19.0676, 0.3285, 0.3377



15.4265, 0.5802, 0.3775



1.7010, 0.5586, 0.3946

Inverse Universe

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



47.7951, 0.2163, 0.2506



41.3645, 0.2032, 0.2320



20.8673, 0.1906, 0.1431



19.3062, 0.2980, 0.3202



17.6311, 0.1903, 0.2051



1.9246, 0.1947, 0.2208

Previews

White Background



This preview shows how the Yxy color 43.1279, 0.4816, 0.3879 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 43.1279, 0.4816, 0.3879 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 43.1279, 0.4816, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 43.1279, 0.4816, 0.3879.



This preview shows how white text looks on a background with the Yxy color 43.1279, 0.4816, 0.3879.

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

43.1279, 0.4816, 0.3879

Protanopia

43.3645, 0.3965, 0.4311

Deuteranopia

42.9983, 0.4356, 0.4261



Tritanopia

43.1719, 0.4204, 0.3199

Trichromacy



Original Color

43.1279, 0.4816, 0.3879

Protanomaly

42.6617, 0.4271, 0.4147

Deuteranomaly

42.7706, 0.4529, 0.4110

Tritanomaly

43.0693, 0.4451, 0.3469

Monochromacy



Original Color

43.1279, 0.4816, 0.3879

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2004, 0.3712, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1279, 0.4816, 0.3879 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 87) }
```

Border

The CSS property to change the border of an element to Yxy 43.1279, 0.4816, 0.3879 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, 87) }
```

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

```
.border{ border-color:rgb(255, 148, 87) }
```

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, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1279, 0.4816, 0.3879 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, 87) }
```

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

```
.background{ background-color: rgb(255,  
148, 87) }
```

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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