

Converting Colors

$Y_{xy}(43.3083, 0.4748, 0.3814)$

Have a look what the booklet for
Yxy(43.3083, 0.4748, 0.3814)
contains.

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Color

Yxy(43.2660, 0.4749, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	FF945F
RGB	255, 148, 95
RGB Percent	100%, 58%, 37%
CMY	0.0000, 0.4196, 0.6275
CMYK	0.00, 0.42, 0.63, 0.00
HSL	20°, 100%, 69%
HSV	20°, 63%, 100%
XYZ	53.9009, 43.2660, 16.3326
YIQ	173.9510, 80.7850, 6.2010

Conversions

Conversions Part 2

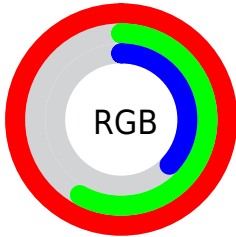
Format	Color
R _Y B	255, 174, 95
Decimal	16749663
CIE Lab	71.74, 35.69, 45.00
CIE LCh	72, 57.438, 51.580
Yxy	43.2660, 0.4749, 0.3812
Android (android.graphics.Color)	4294939743 (0xFFFF945F)
YUV	173.9510, -38.9228, 71.0800
Hunter-Lab	65.7769, 31.1623, 31.3220

Details

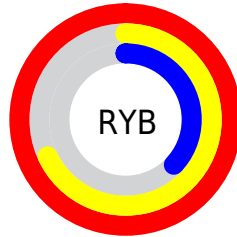
The Yxy color **43.2660, 0.4749, 0.3812** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **51.8881, 0.2216, 0.2620**, and the grayscale version is **42.4702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0785, 0.3975, 0.3871**, and **19.9005, 0.5169, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **37.9129, 0.5109, 0.3840**, and if you desaturate by 10%, it is **49.5551, 0.4400, 0.3751**.

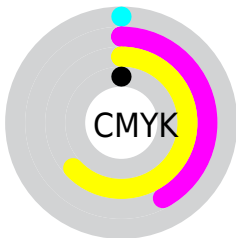
Distribution



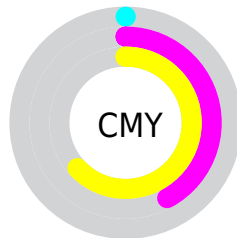
- Red (100%)
- Green (58%)
- Blue (37%)



- Red (100%)
- Yellow (68%)
- Blue (37%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2660, 0.4749, 0.3812 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 43.2660, 0.4749, 0.3812 by changing the saturation by 10% instead.


 43.2660, 0.4749,
0.3812

 43.2660, 0.4749,
0.3812

359.7045, 0.3940,
0.3616


 30.0939, 0.4940,
0.3836


 80.1121, 0.4461,
0.3759


 19.9099, 0.5174,
0.3852


 104.5549, 0.4351,
0.3733

 12.3295, 0.5465,
0.3846


 133.5233, 0.4256,
0.3709

 6.9685, 0.5832,
0.3797

 167.4019, 0.4175,
0.3687

 3.4424, 0.6328,
0.3672

206.5749, 0.4105,
0.3667

 1.3668, 0.6755,
0.3245

251.4267, 0.4043,

 0.1921, 0.8481,

0.3648

0.1519

302.3418, 0.3988,
0.3631

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2660, 0.4749,
0.3812

43.2660, 0.4749,
0.3812

37.9129, 0.5109,
0.3840

49.5551, 0.4400,
0.3751

33.4516, 0.5453,
0.3824

56.8315, 0.4080,
0.3670

29.8248, 0.5746,
0.3757

65.1354, 0.3798,
0.3580

27.6750, 0.5917,
0.3684

74.5068, 0.3554,
0.3488

 84.9829, 0.3346,
0.3398

 96.5994, 0.3171,
0.3312

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.



43.2660, 0.4548, 0.3219



43.2660, 0.4749, 0.3812



43.2660, 0.4452, 0.4385

Triad

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



43.2660, 0.4749, 0.3812



43.2660, 0.2332, 0.4000



43.2660, 0.2323, 0.2076

Complementary

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



43.2660, 0.4749, 0.3812



51.8881, 0.2216, 0.2620

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.



43.2660, 0.1881, 0.2117



43.2660, 0.4749, 0.3812



43.2660, 0.1873, 0.3112

Square

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



43.2660, 0.4749, 0.3812



43.2660, 0.3043, 0.4683



43.2660, 0.1728, 0.2448



43.2660, 0.3035, 0.2279

Rectangle

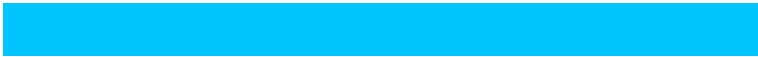
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2660, 0.4749, 0.3812



43.2660, 0.4055, 0.4682



43.2660, 0.1728, 0.2448



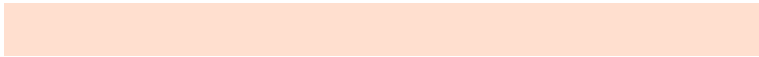
43.2660, 0.2144, 0.2061

Sweetspot

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



43.2641, 0.4749, 0.3812



78.3053, 0.3472, 0.3453



33.8170, 0.3727, 0.2240



16.1376, 0.3534, 0.3480



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.



43.2641, 0.4749, 0.3812



36.8340, 0.5189, 0.3841



76.2960, 0.4178, 0.4527



18.9700, 0.3286, 0.3369



14.7036, 0.5887, 0.3708



1.6224, 0.5667, 0.3882

Inverse Universe

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



51.8881, 0.2216, 0.2620



45.8438, 0.2091, 0.2462



24.1478, 0.1977, 0.1590



19.4078, 0.2980, 0.3209



19.1828, 0.1935, 0.2166



2.0683, 0.1975, 0.2309

Previews

White Background



This preview shows how the Yxy color 43.2660, 0.4749, 0.3812 looks on a white background.

Color Contrast Check

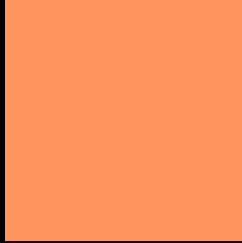
Large Text (above 18pt) WCAG AA × Fail

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 43.2660, 0.4749, 0.3812 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 43.2660, 0.4749, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 43.2660, 0.4749, 0.3812.



This preview shows how white text looks on a background with the Yxy color 43.2660, 0.4749, 0.3812.

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

43.2660, 0.4749, 0.3812

Protanopia

43.4080, 0.3886, 0.4210

Deuteranopia

43.3595, 0.4271, 0.4189



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.2660, 0.4749, 0.3812

Protanomaly

42.8110, 0.4205, 0.4063

Deuteranomaly

43.0854, 0.4449, 0.4052

Tritanomaly

43.1767, 0.4409, 0.3428

Monochromacy



Original Color

43.2660, 0.4749, 0.3812

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6511, 0.3679, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2660, 0.4749, 0.3812 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 95) }
```

Border

The CSS property to change the border of an element to Yxy 43.2660, 0.4749, 0.3812 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, 95) }
```

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

```
.border{ border-color:rgb(255, 148, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2660, 0.4749, 0.3812 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, 95) }
```

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

```
.background{ background-color: rgb(255,  
148, 95) }
```

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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