

Converting Colors

Yxy(59.8523, 0.5131, 0.3574)

Have a look what the booklet for
Yxy(59.8523, 0.5131, 0.3574)
contains.

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Color

Yxy(43.8807, 0.4605, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	FF956E
RGB	255, 149, 110
RGB Percent	100%, 58%, 43%
CMY	0.0000, 0.4157, 0.5687
CMYK	0.00, 0.42, 0.57, 0.00
HSL	16°, 100%, 72%
HSV	16°, 57%, 100%
XYZ	54.8062, 43.8807, 20.3277
YIQ	176.2480, 75.6950, 10.3430

Conversions

Conversions Part 2

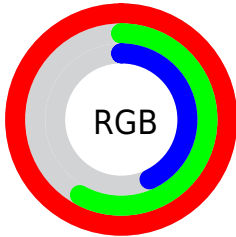
Format	Color
R _Y B	255, 163, 110
Decimal	16749934
CIE Lab	72.15, 36.22, 37.67
CIE LCh	72, 52.258, 46.131
Yxy	43.8807, 0.4605, 0.3687
Android (android.graphics.Color)	4294940014 (0xFFFF956E)
YUV	176.2480, -32.6603, 69.0655
Hunter-Lab	66.2425, 31.7589, 28.1756

Details

The Yxy color **43.8807, 0.4605, 0.3687** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.6381, 0.2311, 0.2810**, and the grayscale version is **43.6937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0544, 0.3856, 0.3728**, and **20.3556, 0.5010, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **37.9683, 0.4990, 0.3723**, and if you desaturate by 10%, it is **50.8943, 0.4248, 0.3629**.

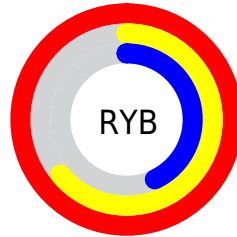
Distribution



Red (100%)

Green (58%)

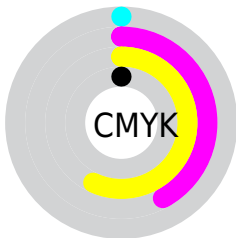
Blue (43%)



Red (100%)

Yellow (64%)

Blue (43%)

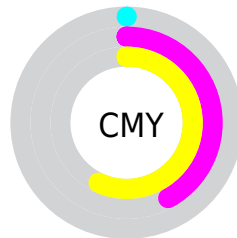


Cyan (0%)

Magenta (42%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8807, 0.4605, 0.3687 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 43.8807, 0.4605, 0.3687 by changing the saturation by 10% instead.


 43.8807, 0.4605,
0.3687

 43.8807, 0.4605,
0.3687


362.2212, 0.3861,
0.3538

 30.5767, 0.4785,
0.3706


 81.0382, 0.4337,
0.3646

 20.2768, 0.5011,
0.3719


 105.6605, 0.4236,
0.3626

 12.5964, 0.5297,
0.3718


 134.8244, 0.4149,
0.3608

 7.1512, 0.5667,
0.3680

 168.9143, 0.4075,
0.3592

 3.5568, 0.6310,
0.3654

208.3145, 0.4011,
0.3576

 1.4289, 0.6754,
0.3246

253.4094, 0.3955,

 0.2379, 0.8273,

0.3562

0.1727

304.5836, 0.3905,
0.3549

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8807, 0.4605,
0.3687

43.8807, 0.4605,
0.3687

37.9683, 0.4990,
0.3723

50.8943, 0.4248,
0.3629

33.1018, 0.5376,
0.3724

59.0671, 0.3932,
0.3558

29.2150, 0.5725,
0.3681

68.4483, 0.3661,
0.3482

26.2339, 0.5996,
0.3595

79.0855, 0.3432,
0.3408

■ 25.4677, 0.6067,
0.3565

■ 91.0234, 0.3240,
0.3336

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.



43.8807, 0.4330, 0.3140



43.8807, 0.4605, 0.3687



43.8807, 0.4421, 0.4220

Triad

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



43.8807, 0.4605, 0.3687



43.8807, 0.2514, 0.4066



43.8807, 0.2299, 0.2161

Complementary

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



43.8807, 0.4605, 0.3687



59.6381, 0.2311, 0.2810

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.



43.8807, 0.1934, 0.2251



43.8807, 0.4605, 0.3687



43.8807, 0.2035, 0.3276

Square

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



43.8807, 0.4605, 0.3687



43.8807, 0.3193, 0.4595



43.8807, 0.1843, 0.2618



43.8807, 0.2915, 0.2310

Rectangle

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



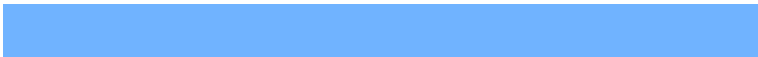
43.8807, 0.4605, 0.3687



43.8807, 0.4096, 0.4505



43.8807, 0.1843, 0.2618



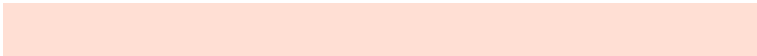
43.8807, 0.2148, 0.2163

Sweetspot

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



43.8795, 0.4605, 0.3687



78.9384, 0.3435, 0.3409



37.3830, 0.3571, 0.2253



16.4173, 0.3478, 0.3423



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.



43.8795, 0.4605, 0.3687



37.3669, 0.5034, 0.3725



74.1842, 0.4127, 0.4376



18.7819, 0.3288, 0.3355



13.5162, 0.6039, 0.3587



1.4872, 0.5819, 0.3761

Inverse Universe

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



59.6381, 0.2311, 0.2810



54.2782, 0.2194, 0.2698



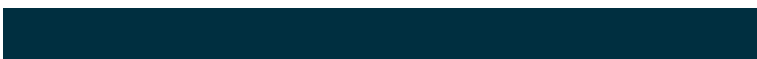
30.4259, 0.2105, 0.1861



19.6061, 0.2980, 0.3225



22.4695, 0.1997, 0.2390



2.3684, 0.2029, 0.2505

Previews

White Background



This preview shows how the Yxy color 43.8807, 0.4605, 0.3687 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 43.8807, 0.4605, 0.3687 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 43.8807, 0.4605, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 43.8807, 0.4605, 0.3687.



This preview shows how white text looks on a background with the Yxy color 43.8807, 0.4605, 0.3687.

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

43.8807, 0.4605, 0.3687

Protanopia

44.0312, 0.3741, 0.4026

Deuteranopia

43.8636, 0.4133, 0.4046



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.8807, 0.4605, 0.3687

Protanomaly

43.3689, 0.4050, 0.3898

Deuteranomaly

43.7252, 0.4314, 0.3913

Tritanomaly

43.6818, 0.4330, 0.3366

Monochromacy



Original Color

43.8807, 0.4605, 0.3687

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5186, 0.3629, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8807, 0.4605, 0.3687 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 110) }
```

Border

The CSS property to change the border of an element to Yxy 43.8807, 0.4605, 0.3687 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, 110) }
```

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

```
.border{ border-color:rgb(255, 149, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 110); box-shadow:4px 4px 4px 4px rgb(255, 149, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8807, 0.4605, 0.3687 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, 110) }
```

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

```
.background{ background-color: rgb(255,  
149, 110) }
```

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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