

Converting Colors

$Y_{xy}(43.9026, 0.4595, 0.3678)$

Have a look what the booklet for
Yxy(43.9026, 0.4595, 0.3678)
contains.

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Color

Yxy(43.9026, 0.4595, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	FF956F
RGB	255, 149, 111
RGB Percent	100%, 58%, 44%
CMY	0.0001, 0.4156, 0.5648
CMYK	0.00, 0.42, 0.56, 0.00
HSL	16°, 100%, 72%
HSV	16°, 56%, 100%
XYZ	54.8484, 43.9026, 20.6144
YIQ	176.3620, 75.3740, 10.6540

Conversions

Conversions Part 2

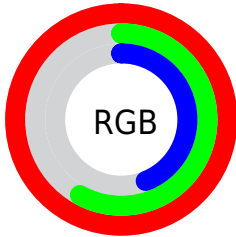
Format	Color
R _Y B	255, 163, 111
Decimal	16749935
CIE Lab	72.16, 36.26, 37.16
CIE LCh	72, 51.922, 45.706
Yxy	43.9026, 0.4595, 0.3678
Android (android.graphics.Color)	4294940015 (0xFFFF956F)
YUV	176.3620, -32.2235, 68.9655
Hunter-Lab	66.2590, 31.8068, 27.9351

Details

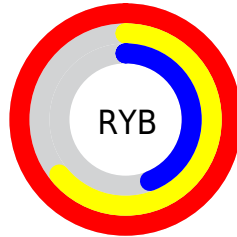
The Yxy color **43.9026, 0.4595, 0.3678** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.1823, 0.2317, 0.2823**, and the grayscale version is **43.7583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0901, 0.3848, 0.3717**, and **20.3665, 0.4998, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **37.9543, 0.4981, 0.3714**, and if you desaturate by 10%, it is **50.9719, 0.4238, 0.3620**.

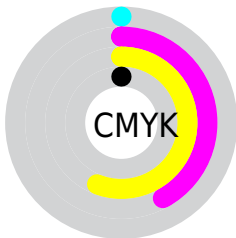
Distribution



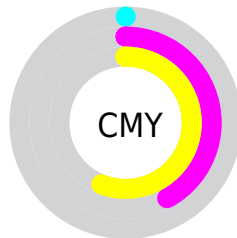
- Red (100%)
- Green (58%)
- Blue (44%)



- Red (100%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9026, 0.4595, 0.3678 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 43.9026, 0.4595, 0.3678 by changing the saturation by 10% instead.


 43.9026, 0.4595,
0.3678


 43.9026, 0.4595,
0.3678


362.3107, 0.3856,
0.3532


 30.5939, 0.4774,
0.3697


 81.0712, 0.4329,
0.3638


 20.2898, 0.4999,
0.3710


 105.6999, 0.4228,
0.3619

 12.6059, 0.5285,
0.3708


 134.8707, 0.4142,
0.3601

 7.1577, 0.5655,
0.3671

 168.9680, 0.4068,
0.3585

 3.5609, 0.6286,
0.3639

208.3763, 0.4005,
0.3570

 1.4311, 0.6755,
0.3245

253.4799, 0.3949,

 0.2395, 0.8268,

0.3556

0.1732

304.6632, 0.3899,
0.3544

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9026, 0.4595,
0.3678

43.9026, 0.4595,
0.3678

37.9543, 0.4981,
0.3714

50.9719, 0.4238,
0.3620

33.0604, 0.5370,
0.3715

59.2103, 0.3923,
0.3550

29.1573, 0.5723,
0.3674

68.6714, 0.3652,
0.3476

26.1702, 0.5998,
0.3590

79.4033, 0.3424,
0.3403

■ 25.3139, 0.6078,
0.3556

■ 91.4514, 0.3234,
0.3333

99.9950, 0.3127,
0.3290

Harmonies

Analogous

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



43.9026, 0.4315, 0.3134



43.9026, 0.4595, 0.3678



43.9026, 0.4419, 0.4209

Triad

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



43.9026, 0.4595, 0.3678



43.9026, 0.2527, 0.4071



43.9026, 0.2297, 0.2167

Complementary

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



43.9026, 0.4595, 0.3678



60.1823, 0.2317, 0.2823

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.



43.9026, 0.1938, 0.2260



43.9026, 0.4595, 0.3678



43.9026, 0.2046, 0.3287

Square

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



43.9026, 0.4595, 0.3678



43.9026, 0.3204, 0.4590



43.9026, 0.1850, 0.2630



43.9026, 0.2907, 0.2312

Rectangle

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



43.9026, 0.4595, 0.3678



43.9026, 0.4099, 0.4493



43.9026, 0.1850, 0.2630



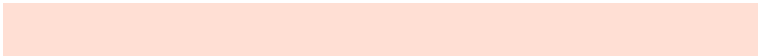
43.9026, 0.2147, 0.2170

Sweetspot

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



43.9049, 0.4595, 0.3678



78.8272, 0.3435, 0.3406



37.7314, 0.3541, 0.2238



16.3913, 0.3478, 0.3421



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.



43.9049, 0.4595, 0.3678



37.1504, 0.5041, 0.3717



73.0515, 0.4134, 0.4350



18.7675, 0.3288, 0.3353



13.4361, 0.6049, 0.3579



1.4777, 0.5831, 0.3752

Inverse Universe

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



60.1823, 0.2317, 0.2823



54.6857, 0.2197, 0.2709



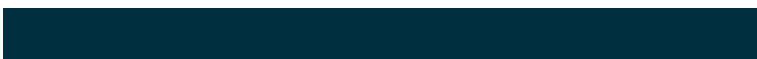
31.4556, 0.2119, 0.1903



19.6214, 0.2980, 0.3226



22.7382, 0.2002, 0.2407



2.3927, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 43.9026, 0.4595, 0.3678 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 43.9026, 0.4595, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

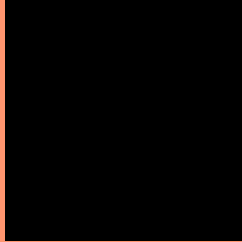
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9026, 0.4595, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 43.9026, 0.4595, 0.3678.



This preview shows how white text looks on a background with the Yxy color 43.9026, 0.4595, 0.3678.

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

43.9026, 0.4595, 0.3678

Protanopia

44.0559, 0.3732, 0.4013

Deuteranopia

43.8845, 0.4125, 0.4035



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.9026, 0.4595, 0.3678

Protanomaly

43.3925, 0.4041, 0.3887

Deuteranomaly

43.7464, 0.4305, 0.3903

Tritanomaly

43.6818, 0.4330, 0.3366

Monochromacy



Original Color

43.9026, 0.4595, 0.3678

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 43.9026, 0.4595, 0.3678 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 111) }
```

Border

The CSS property to change the border of an element to Yxy 43.9026, 0.4595, 0.3678 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, 111) }
```

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

```
.border{ border-color:rgb(255, 149, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9026, 0.4595, 0.3678 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, 111) }
```

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

```
.background{ background-color: rgb(255,  
149, 111) }
```

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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