

Converting Colors

$Y_{xy}(39.5009, 0.4997, 0.3928)$

Have a look what the booklet for
Yxy(39.5009, 0.4997, 0.3928)
contains.

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Color

Yxy(39.4167, 0.4997, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	FB8B46
RGB	251, 139, 70
RGB Percent	98%, 55%, 27%
CMY	0.0157, 0.4548, 0.7255
CMYK	0.00, 0.45, 0.72, 0.02
HSL	23°, 96%, 63%
HSV	23°, 72%, 98%
XYZ	50.1184, 39.4167, 10.7619
YIQ	164.6220, 88.9010, 2.2850

Conversions

Conversions Part 2

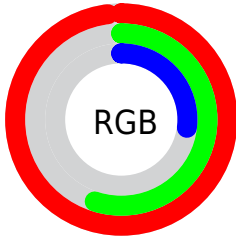
Format	Color
RYB	251, 182, 70
Decimal	16485190
CIELab	69.05, 37.34, 54.17
CIELCh	69, 65.794, 55.420
Yxy	39.4167, 0.4997, 0.3930
Android (android.graphics.Color)	4294675270 (0xFFFB8B46)
YUV	164.6220, -46.6486, 75.7535
Hunter-Lab	62.7827, 32.6238, 33.7847

Details

The Yxy color **39.4167, 0.4997, 0.3930** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **41.7131, 0.2086, 0.2373**, and the grayscale version is **37.6343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2240, 0.4217, 0.4035**, and **17.6757, 0.5465, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **34.9826, 0.5319, 0.3926**, and if you desaturate by 10%, it is **44.6261, 0.4661, 0.3888**.

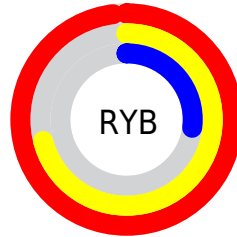
Distribution



Red (98%)

Green (55%)

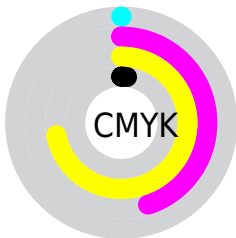
Blue (27%)



Red (98%)

Yellow (71%)

Blue (27%)

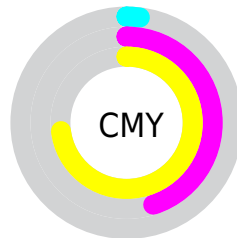


Cyan (0%)

Magenta (45%)

Yellow (72%)

Black (2%)



Cyan (2%)


Magenta (45%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4167, 0.4997, 0.3930 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 39.4167, 0.4997, 0.3930 by changing the saturation by 10% instead.


 39.4167, 0.4997,
0.3930


 39.4167, 0.4997,
0.3930


343.6589, 0.4069,
0.3703

 27.0840, 0.5207,
0.3948


 74.2745, 0.4672,
0.3875


 17.6364, 0.5459,
0.3947


 97.5684, 0.4545,
0.3846

 10.6892, 0.5757,
0.3907


 125.2848, 0.4437,
0.3818

 5.8583, 0.6170,
0.3830

 157.8082, 0.4343,
0.3792

 2.7591, 0.6484,
0.3516

 195.5229, 0.4261,
0.3767

 1.0073, 0.6985,
0.3015

238.8133, 0.4189,

 0.0000, 1.0000,

0.3744

0.0000

288.0638, 0.4126,
0.3723

■ 0.0000, 0.0000,
0.0000

■ 39.4167, 0.4997,
0.3930

■ 39.4167, 0.4997,
0.3930

■ 34.9826, 0.5319,
0.3926

■ 44.6261, 0.4661,
0.3888

■ 31.2730, 0.5599,
0.3869


■ 50.6443, 0.4335,
0.3814


■ 28.8183, 0.5781,
0.3792


■ 57.5102, 0.4035,
0.3719

■ 65.2577, 0.3767,
0.3616

■ 73.9187, 0.3533,
0.3510

 83.5236, 0.3332,
0.3407

 94.1010, 0.3160,
0.3310

 99.2466, 0.3102,
0.3290

Harmonies

Analogous

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



39.4167, 0.4867, 0.3263



39.4167, 0.4997, 0.3930



39.4167, 0.4559, 0.4596

Triad

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



39.4167, 0.4997, 0.3930



39.4167, 0.2103, 0.3997



39.4167, 0.2280, 0.1920

Complementary

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



39.4167, 0.4997, 0.3930



41.7131, 0.2086, 0.2373

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.



39.4167, 0.1747, 0.1919



39.4167, 0.4997, 0.3930



39.4167, 0.1642, 0.2936

Square

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



39.4167, 0.4997, 0.3930



39.4167, 0.2885, 0.4904



39.4167, 0.1535, 0.2230



39.4167, 0.3133, 0.2180

Rectangle

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



39.4167, 0.4997, 0.3930



39.4167, 0.4064, 0.4951



39.4167, 0.1535, 0.2230



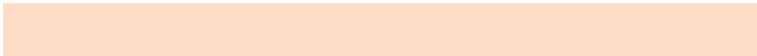
39.4167, 0.2065, 0.1889

Sweetspot

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



39.4188, 0.4997, 0.3930



76.7184, 0.3531, 0.3509



28.3749, 0.3974, 0.2224



15.8783, 0.3591, 0.3538



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.



39.4188, 0.4997, 0.3930



34.2671, 0.5465, 0.3904



75.8081, 0.4244, 0.4710



18.3100, 0.3284, 0.3381



15.4091, 0.5751, 0.3816



1.6247, 0.5529, 0.3992

Inverse Universe

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



41.7131, 0.2086, 0.2373



36.4480, 0.1955, 0.2151



16.2964, 0.1796, 0.1222



18.4317, 0.2980, 0.3197



16.3248, 0.1886, 0.1988



1.7166, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 39.4167, 0.4997, 0.3930 looks on a white background.

Color Contrast Check

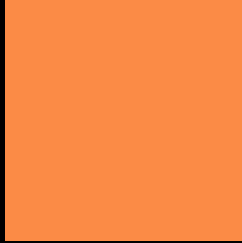
Large Text (above 18pt) WCAG AA × Fail

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 39.4167, 0.4997, 0.3930 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 39.4167, 0.4997, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 39.4167, 0.4997, 0.3930.



This preview shows how white text looks on a background with the Yxy color 39.4167, 0.4997, 0.3930.

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

39.4167, 0.4997, 0.3930

Protanopia

39.5052, 0.4068, 0.4453

Deuteranopia

39.7088, 0.4473, 0.4382



Tritanopia

39.4157, 0.4385, 0.3191

Trichromacy



Original Color

39.4167, 0.4997, 0.3930

Protanomaly

38.6772, 0.4409, 0.4251

Deuteranomaly

39.3446, 0.4677, 0.4207

Tritanomaly

39.3588, 0.4649, 0.3486

Monochromacy



Original Color

39.4167, 0.4997, 0.3930

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1244, 0.3790, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4167, 0.4997, 0.3930 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(251, 139, 70)` looks like.

```
.text, #text, p{  
  color:rgb(251, 139, 70)  
}
```

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(251, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 139, 70) }
```

Border

The CSS property to change the border of an element to Yxy 39.4167, 0.4997, 0.3930 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(251, 139, 70) }
```

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

```
.border{ border-color:rgb(251, 139, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 139, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(251, 139,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4167, 0.4997, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 139, 70) }
```

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

```
.background{ background-color: rgb(251,  
139, 70) }
```

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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