

Converting Colors

Yxy(39.2681, 0.5011, 0.3836)

Have a look what the booklet for
Yxy(39.2681, 0.5011, 0.3836)
contains.

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Color

Yxy(39.3901, 0.5011, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	FF884C
RGB	255, 136, 76
RGB Percent	100%, 53%, 30%
CMY	0.0000, 0.4666, 0.7020
CMYK	0.00, 0.47, 0.70, 0.00
HSL	20°, 100%, 65%
HSV	20°, 70%, 100%
XYZ	51.3485, 39.3901, 11.7330
YIQ	164.7410, 90.1840, 6.5680

Conversions

Conversions Part 2

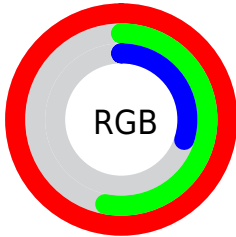
Format	Color
R_{YB}	255, 166, 76
Decimal	16746572
CIE _{Lab}	69.03, 40.70, 51.44
CIE _{LCh}	69, 65.592, 51.644
Yxy	39.3901, 0.5011, 0.3844
Android (android.graphics.Color)	4294936652 (0xFFFF884C)
YUV	164.7410, -43.7493, 79.1571
Hunter-Lab	62.7615, 36.2076, 32.8491

Details

The Yxy color **39.3901, 0.5011, 0.3844** 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 **47.7807, 0.2134, 0.2515**, and the grayscale version is **37.6787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0539, 0.4189, 0.3949**, and **17.6217, 0.5483, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **34.7017, 0.5360, 0.3841**, and if you desaturate by 10%, it is **44.9782, 0.4653, 0.3805**.

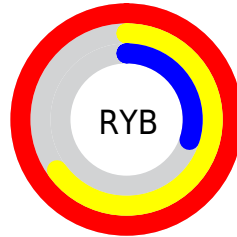
Distribution



Red (100%)

Green (53%)

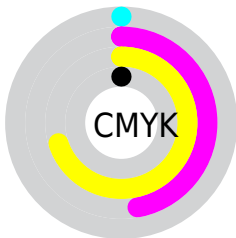
Blue (30%)



Red (100%)

Yellow (65%)

Blue (30%)

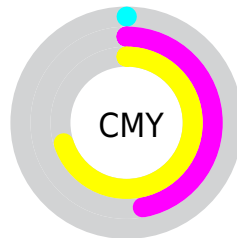


Cyan (0%)

Magenta (47%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3901, 0.5011, 0.3844 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 39.3901, 0.5011, 0.3844 by changing the saturation by 10% instead.


 39.3901, 0.5011,
0.3844


 39.3901, 0.5011,
0.3844


343.5462, 0.4070,
0.3657

 27.0633, 0.5228,
0.3854


 74.2339, 0.4679,
0.3802


 17.6208, 0.5490,
0.3846


 97.5197, 0.4550,
0.3778


 10.6781, 0.5805,
0.3798


 125.2273, 0.4440,
0.3755

 5.8508, 0.6272,
0.3728

 157.7411, 0.4345,
0.3733

 2.7546, 0.6604,
0.3396

 195.4455, 0.4263,
0.3712

 1.0050, 0.7129,
0.2871

238.7249, 0.4190,

 0.0000, 1.0000,

0.3692

0.0000

287.9636, 0.4126,
0.3674

■ 0.0000, 0.0000,
0.0000

■ 39.3901, 0.5011,
0.3844

■ 39.3901, 0.5011,
0.3844

■ 34.7017, 0.5360,
0.3841

■ 44.9782, 0.4653,
0.3805

■ 30.8537, 0.5668,
0.3787

■ 51.5077, 0.4312,
0.3737

■ 27.8344, 0.5906,
0.3692

■ 59.0247, 0.4003,
0.3652

■ 67.5703, 0.3731,
0.3560

■ 77.1829, 0.3497,
0.3466

 87.8991, 0.3299,
0.3376

99.7534, 0.3130,
0.3292

99.9999, 0.3127,
0.3290

Harmonies

Analogous

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



39.3901, 0.4800, 0.3183



39.3901, 0.5011, 0.3844



39.3901, 0.4634, 0.4514

Triad

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



39.3901, 0.5011, 0.3844



39.3901, 0.2189, 0.4133



39.3901, 0.2197, 0.1908

Complementary

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



39.3901, 0.5011, 0.3844



47.7807, 0.2134, 0.2515

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.



39.3901, 0.1706, 0.1943



39.3901, 0.5011, 0.3844



39.3901, 0.1683, 0.3056

Square

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



39.3901, 0.5011, 0.3844



39.3901, 0.2998, 0.4965



39.3901, 0.1534, 0.2298



39.3901, 0.3011, 0.2137

Rectangle

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



39.3901, 0.5011, 0.3844



39.3901, 0.4164, 0.4892



39.3901, 0.1534, 0.2298



39.3901, 0.1996, 0.1888

Sweetspot

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



39.3922, 0.5011, 0.3844



76.3719, 0.3515, 0.3474



30.3833, 0.3865, 0.2187



15.7605, 0.3576, 0.3499



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.



39.3922, 0.5011, 0.3844



33.1426, 0.5484, 0.3826



75.7216, 0.4264, 0.4645



18.9821, 0.3286, 0.3370



14.7889, 0.5877, 0.3716



1.6318, 0.5657, 0.3890

Inverse Universe

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



47.7807, 0.2134, 0.2515



41.6318, 0.2015, 0.2335



19.0292, 0.1841, 0.1339



19.3952, 0.2980, 0.3208



18.9855, 0.1931, 0.2152



2.0501, 0.1971, 0.2297

Previews

White Background



This preview shows how the Yxy color 39.3901, 0.5011, 0.3844 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 39.3901, 0.5011, 0.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

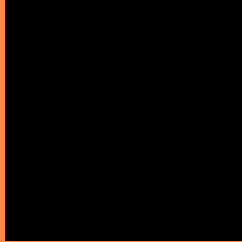
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3901, 0.5011, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 39.3901, 0.5011, 0.3844.



This preview shows how white text looks on a background with the Yxy color 39.3901, 0.5011, 0.3844.

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

39.3901, 0.5011, 0.3844

Protanopia

39.4869, 0.4007, 0.4381

Deuteranopia

39.6336, 0.4424, 0.4337



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.3901, 0.5011, 0.3844

Protanomaly

38.5720, 0.4381, 0.4178

Deuteranomaly

39.0931, 0.4644, 0.4149

Tritanomaly

39.3194, 0.4643, 0.3455

Monochromacy



Original Color

39.3901, 0.5011, 0.3844

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8104, 0.3789, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3901, 0.5011, 0.3844 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, 136, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 76)  
}
```

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, 136, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 76) }
```

Border

The CSS property to change the border of an element to Yxy 39.3901, 0.5011, 0.3844 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, 136, 76) }
```

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

```
.border{ border-color:rgb(255, 136, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3901, 0.5011, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 76) }
```

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

```
.background{ background-color: rgb(255,  
136, 76) }
```

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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