

Converting Colors

Yxy(39.3444, 0.5154, 0.4158)

Have a look what the booklet for
Yxy(39.3444, 0.5154, 0.4158)
contains.

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Color

Yxy(39.3050, 0.5161, 0.4150)

Conversions

Conversions Part 1

Format	Color
Hex	F98D22
RGB	249, 141, 34
RGB Percent	98%, 55%, 13%
CMY	0.0235, 0.4470, 0.8666
CMYK	0.00, 0.43, 0.86, 0.02
HSL	30°, 95%, 55%
HSV	30°, 86%, 98%
XYZ	48.8803, 39.3050, 6.5256
YIQ	161.0940, 98.7150, -10.3810

Conversions

Conversions Part 2

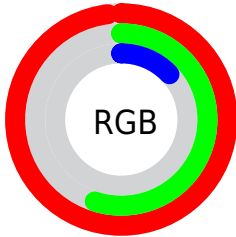
Format	Color
R _Y B	249, 247, 34
Decimal	16354594
CIE Lab	68.97, 34.33, 68.24
CIE LCh	69, 76.386, 63.289
Yxy	39.3050, 0.5161, 0.4150
Android (android.graphics.Color)	4294544674 (0xFFFF98D22)
YUV	161.0940, -62.6573, 77.0936
Hunter-Lab	62.6937, 29.4567, 37.7143

Details

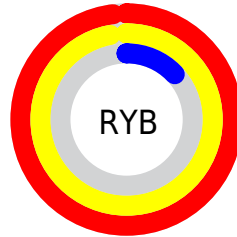
The Yxy color **39.3050, 0.5161, 0.4150** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **26.5312, 0.1863, 0.1802**, and the grayscale version is **35.9523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0455, 0.4409, 0.4297**, and **17.7514, 0.5455, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **35.7283, 0.5371, 0.4092**, and if you desaturate by 10%, it is **43.4062, 0.4910, 0.4152**.

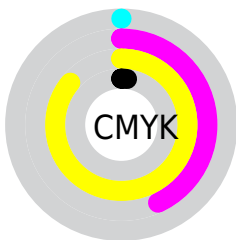
Distribution



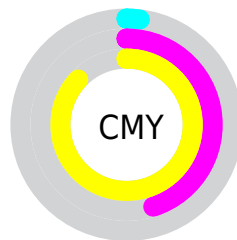
- Red (98%)
- Green (55%)
- Blue (13%)



- Red (98%)
- Yellow (97%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (86%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3050, 0.5161, 0.4150 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 39.3050, 0.5161, 0.4150 by changing the saturation by 10% instead.


 39.3050, 0.5161,
0.4150


 39.3050, 0.5161,
0.4150


343.1855, 0.4193,
0.3860

 26.9971, 0.5359,
0.4164


 74.1040, 0.4837,
0.4087

 17.5710, 0.5580,
0.4150


 97.3639, 0.4706,
0.4050


 10.6425, 0.5879,
0.4121


 125.0433, 0.4592,
0.4014

 5.8270, 0.6079,
0.3921

 157.5264, 0.4492,
0.3979

 2.7401, 0.6376,
0.3624

 195.1979, 0.4403,
0.3946

 0.9976, 0.6856,
0.3144

 238.4419, 0.4325,

 0.0000, 1.0000,

0.3915

0.0000

287.6430, 0.4255,
0.3886

■ 0.0000, 0.0000,
0.0000

■ 39.3050, 0.5161,
0.4150

■ 39.3050, 0.5161,
0.4150

■ 35.7283, 0.5371,
0.4092

■ 43.4062, 0.4910,
0.4152


■ 34.5330, 0.5441,
0.4062

■ 48.0581, 0.4636,
0.4103

■ 53.2909, 0.4357,
0.4014

■ 59.1298, 0.4086,
0.3898

■ 65.5981, 0.3835,
0.3768

 72.7175, 0.3608,
0.3632

 80.5084, 0.3405,
0.3497

 88.9902, 0.3228,
0.3368

 97.9785, 0.3091,
0.3276

Harmonies

Analogous

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



39.3050, 0.5244, 0.3407



39.3050, 0.5161, 0.4150



39.3050, 0.4501, 0.4910

Triad

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



39.3050, 0.5161, 0.4150



39.3050, 0.1773, 0.3758



39.3050, 0.2375, 0.1805

Complementary

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



39.3050, 0.5161, 0.4150



26.5312, 0.1863, 0.1802

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.



39.3050, 0.1695, 0.1720



39.3050, 0.5161, 0.4150



39.3050, 0.1389, 0.2596

Square

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



39.3050, 0.5161, 0.4150



39.3050, 0.2559, 0.4998



39.3050, 0.1377, 0.1947



39.3050, 0.3424, 0.2158

Rectangle

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



39.3050, 0.5161, 0.4150



39.3050, 0.3888, 0.5296



39.3050, 0.1377, 0.1947



39.3050, 0.2105, 0.1746

Sweetspot

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



39.3071, 0.5161, 0.4150



77.0015, 0.3601, 0.3628



23.3322, 0.4611, 0.2404



15.9050, 0.3677, 0.3675



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.



39.3071, 0.5161, 0.4150



36.4133, 0.5443, 0.4060



85.8106, 0.4188, 0.4983



18.6522, 0.3281, 0.3408



18.7694, 0.5416, 0.4082



1.9503, 0.5231, 0.4228

Inverse Universe

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



26.5312, 0.1863, 0.1802



22.6841, 0.1765, 0.1553



8.5415, 0.1572, 0.0728



18.0840, 0.2980, 0.3169



11.8083, 0.1773, 0.1583



1.3057, 0.1833, 0.1798

Previews

White Background



This preview shows how the Yxy color 39.3050, 0.5161, 0.4150 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 39.3050, 0.5161, 0.4150 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 39.3050, 0.5161, 0.4150

Background



This preview shows how black text looks on a background with the Yxy color 39.3050, 0.5161, 0.4150.



This preview shows how white text looks on a background with the Yxy color 39.3050, 0.5161, 0.4150.

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

39.3050, 0.5161, 0.4150

Protanopia

39.4832, 0.4309, 0.4749

Deuteranopia

39.3419, 0.4686, 0.4592



Tritanopia

39.2265, 0.4375, 0.3190

Trichromacy



Original Color

39.3050, 0.5161, 0.4150

Protanomaly

38.7851, 0.4626, 0.4529

Deuteranomaly

39.0258, 0.4868, 0.4424

Tritanomaly

38.9827, 0.4760, 0.3623

Monochromacy



Original Color

39.3050, 0.5161, 0.4150

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6865, 0.3919, 0.3817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3050, 0.5161, 0.4150 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(249, 141, 34)` looks like.

```
.text, #text, p{  
    color:rgb(249, 141, 34)  
}
```

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(249, 141, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 141, 34) }
```

Border

The CSS property to change the border of an element to Yxy 39.3050, 0.5161, 0.4150 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(249, 141, 34) }
```

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

```
.border{ border-color:rgb(249, 141, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 141, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 141, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 141, 34);  
box-shadow:4px 4px 4px 4px rgb(249, 141,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3050, 0.5161, 0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 141, 34) }
```

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

```
.background{ background-color: rgb(249,  
141, 34) }
```

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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