

Converting Colors

Yxy(39.1739, 0.5194, 0.4149)

Have a look what the booklet for
Yxy(39.1739, 0.5194, 0.4149)
contains.

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Color

Yxy(39.1739, 0.5194, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	FA8C1E
RGB	250, 140, 30
RGB Percent	98%, 55%, 12%
CMY	0.0196, 0.4510, 0.8824
CMYK	0.00, 0.44, 0.88, 0.02
HSL	30°, 96%, 55%
HSV	30°, 88%, 98%
XYZ	49.0405, 39.1739, 6.2032
YIQ	160.3500, 100.8700, -10.8900

Conversions

Conversions Part 2

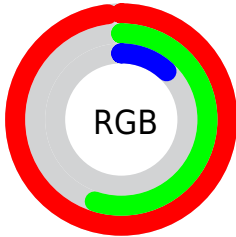
Format	Color
R _Y B	250, 250, 30
Decimal	16419870
CIE Lab	68.88, 35.18, 69.38
CIE LCh	69, 77.792, 63.113
Yxy	39.1739, 0.5194, 0.4149
Android (android.graphics.Color)	4294609950 (0xFFFA8C1E)
YUV	160.3500, -64.2625, 78.6231
Hunter-Lab	62.5891, 30.3297, 37.9361

Details

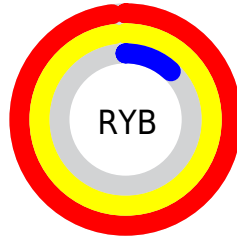
The Yxy color **39.1739, 0.5194, 0.4149** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **25.9338, 0.1847, 0.1763**, and the grayscale version is **35.5918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5482, 0.4434, 0.4310**, and **17.5442, 0.5494, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **35.6452, 0.5397, 0.4083**, and if you desaturate by 10%, it is **43.2211, 0.4950, 0.4160**.

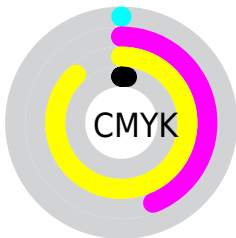
Distribution



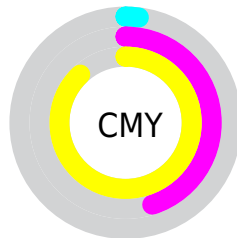
- Red (98%)
- Green (55%)
- Blue (12%)



- Red (98%)
- Yellow (98%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (88%)
- Black (2%)




- Cyan (2%)
- Magenta (45%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1739, 0.5194, 0.4149 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 39.1739, 0.5194, 0.4149 by changing the saturation by 10% instead.

 39.1739, 0.5194,
0.4149


 39.1739, 0.5194,
0.4149


342.6293, 0.4213,
0.3866


 26.8950, 0.5392,
0.4159


 73.9039, 0.4868,
0.4090


 17.4944, 0.5614,
0.4139


 97.1238, 0.4735,
0.4055


 10.5876, 0.5903,
0.4097


 124.7596, 0.4619,
0.4019

 5.7903, 0.6108,
0.3892

 157.1955, 0.4517,
0.3984

 2.7180, 0.6411,
0.3589

 194.8161, 0.4427,
0.3952

 0.9863, 0.6901,
0.3099

 238.0056, 0.4348,

 0.0000, 1.0000,

0.3921

0.0000

287.1486, 0.4277,
0.3892

■ 0.0000, 0.0000,
0.0000

■ 39.1739, 0.5194,
0.4149

■ 39.1739, 0.5194,
0.4149

■ 35.6452, 0.5397,
0.4083

■ 43.2211, 0.4950,
0.4160


■ 34.9960, 0.5435,
0.4067

■ 47.8157, 0.4680,
0.4119


■ 52.9885, 0.4401,
0.4035


■ 58.7652, 0.4129,
0.3922

■ 65.1695, 0.3875,
0.3793

 72.2233, 0.3644,
0.3657

 79.9474, 0.3437,
0.3521

 88.3614, 0.3256,
0.3390

 97.4838, 0.3097,
0.3266

Harmonies

Analogous

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



39.1739, 0.5280, 0.3398



39.1739, 0.5194, 0.4149



39.1739, 0.4521, 0.4925

Triad

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



39.1739, 0.5194, 0.4149



39.1739, 0.1753, 0.3773



39.1739, 0.2356, 0.1783

Complementary

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



39.1739, 0.5194, 0.4149



25.9338, 0.1847, 0.1763

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.



39.1739, 0.1670, 0.1698



39.1739, 0.5194, 0.4149



39.1739, 0.1365, 0.2586

Square

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



39.1739, 0.5194, 0.4149



39.1739, 0.2551, 0.5043



39.1739, 0.1352, 0.1927



39.1739, 0.3421, 0.2138

Rectangle

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



39.1739, 0.5194, 0.4149



39.1739, 0.3898, 0.5327



39.1739, 0.1352, 0.1927



39.1739, 0.2083, 0.1723

Sweetspot

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



39.1760, 0.5194, 0.4149



77.0842, 0.3601, 0.3630



23.1476, 0.4712, 0.2444



15.9246, 0.3677, 0.3677



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.



39.1760, 0.5194, 0.4149



36.5686, 0.5436, 0.4066



88.8004, 0.4169, 0.5013



18.6592, 0.3281, 0.3409



18.8485, 0.5409, 0.4087



1.9577, 0.5225, 0.4233

Inverse Universe

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



25.9338, 0.1847, 0.1763



22.5279, 0.1763, 0.1545



8.1063, 0.1555, 0.0690



18.0770, 0.2980, 0.3168



11.7287, 0.1771, 0.1575



1.2983, 0.1831, 0.1791

Previews

White Background



This preview shows how the Yxy color 39.1739, 0.5194, 0.4149 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 39.1739, 0.5194, 0.4149 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 39.1739, 0.5194, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 39.1739, 0.5194, 0.4149.



This preview shows how white text looks on a background with the Yxy color 39.1739, 0.5194, 0.4149.

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

39.1739, 0.5194, 0.4149

Protanopia

39.4630, 0.4320, 0.4766

Deuteranopia

39.3119, 0.4705, 0.4615



Tritanopia

39.1187, 0.4401, 0.3191

Trichromacy



Original Color

39.1739, 0.5194, 0.4149

Protanomaly

38.5721, 0.4658, 0.4527

Deuteranomaly

38.9949, 0.4888, 0.4446

Tritanomaly

38.8529, 0.4796, 0.3630

Monochromacy



Original Color

39.1739, 0.5194, 0.4149

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.3122, 0.3944, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1739, 0.5194, 0.4149 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(250, 140, 30)` looks like.

```
.text, #text, p{  
    color:rgb(250, 140, 30)  
}
```

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(250, 140, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 140, 30) }
```

Border

The CSS property to change the border of an element to Yxy 39.1739, 0.5194, 0.4149 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(250, 140, 30) }
```

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

```
.border{ border-color:rgb(250, 140, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 140, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 140, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 140, 30);  
box-shadow:4px 4px 4px 4px rgb(250, 140,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1739, 0.5194, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 140, 30) }
```

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

```
.background{ background-color: rgb(250,  
140, 30) }
```

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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