

Converting Colors

Yxy(39.3313, 0.5124, 0.4089)

Have a look what the booklet for
Yxy(39.3313, 0.5124, 0.4089)
contains.

Yxy(39.2774, 0.5127, 0.4085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2774, 0.5127, 0.4085)

Conversions

Conversions Part 1

Format	Color
Hex	FA8C2E
RGB	250, 140, 46
RGB Percent	98%, 55%, 18%
CMY	0.0196, 0.4510, 0.8193
CMYK	0.00, 0.44, 0.82, 0.02
HSL	28°, 95%, 58%
HSV	28°, 82%, 98%
XYZ	49.2963, 39.2774, 7.5766
YIQ	162.1740, 95.7340, -5.9140

Conversions

Conversions Part 2

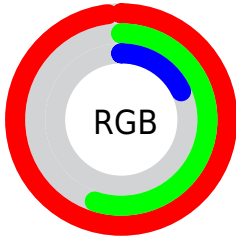
Format	Color
R _{YB}	250, 220, 46
Decimal	16419886
CIE Lab	68.95, 35.55, 64.21
CIE LCh	69, 73.392, 61.025
Yxy	39.2774, 0.5127, 0.4085
Android (android.graphics.Color)	4294609966 (0xFFFA8C2E)
YUV	162.1740, -57.2738, 77.0234
Hunter-Lab	62.6717, 30.7290, 36.7024

Details

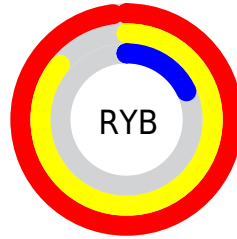
The Yxy color **39.2774, 0.5127, 0.4085** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **31.2880, 0.1936, 0.2000**, and the grayscale version is **36.4630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7637, 0.4361, 0.4218**, and **17.5442, 0.5494, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **35.4334, 0.5376, 0.4045**, and if you desaturate by 10%, it is **43.7233, 0.4844, 0.4070**.

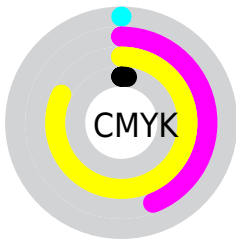
Distribution



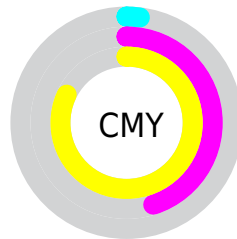
- Red (98%)
- Green (55%)
- Blue (18%)



- Red (98%)
- Yellow (86%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (82%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2774, 0.5127, 0.4085 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 39.2774, 0.5127, 0.4085 by changing the saturation by 10% instead.


 39.2774, 0.5127,
0.4085


 39.2774, 0.5127,
0.4085


343.0684, 0.4162,
0.3813


 26.9756, 0.5331,
0.4100


 74.0619, 0.4799,
0.4024


 17.5549, 0.5564,
0.4090


 97.3134, 0.4668,
0.3990


 10.6309, 0.5865,
0.4056


 124.9836, 0.4555,
0.3956

 5.8192, 0.6117,
0.3883

 157.4568, 0.4455,
0.3923

 2.7355, 0.6422,
0.3578

 195.1175, 0.4368,
0.3893

 0.9952, 0.6913,
0.3087

 238.3501, 0.4291,

 0.0000, 1.0000,

0.3864

0.0000

287.5389, 0.4223,
0.3838

■ 0.0000, 0.0000,
0.0000

■ 39.2774, 0.5127,
0.4085

■ 39.2774, 0.5127,
0.4085

■ 35.4334, 0.5376,
0.4045

■ 43.7233, 0.4844,
0.4070


■ 32.6183, 0.5552,
0.3974

■ 48.7985, 0.4547,
0.4008

■ 54.5353, 0.4255,
0.3914

■ 60.9614, 0.3981,
0.3798

■ 68.1022, 0.3733,
0.3674

 75.9819, 0.3512,
0.3547

 84.6232, 0.3319,
0.3424

 94.0478, 0.3151,
0.3308

 99.0634, 0.3096,
0.3290

Harmonies

Analogous

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



39.2774, 0.5143, 0.3363



39.2774, 0.5127, 0.4085



39.2774, 0.4530, 0.4818

Triad

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



39.2774, 0.5127, 0.4085



39.2774, 0.1866, 0.3840



39.2774, 0.2339, 0.1833

Complementary

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



39.2774, 0.5127, 0.4085



31.2880, 0.1936, 0.2000

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.



39.2774, 0.1703, 0.1772



39.2774, 0.5127, 0.4085



39.2774, 0.1456, 0.2696

Square

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



39.2774, 0.5127, 0.4085



39.2774, 0.2657, 0.4985



39.2774, 0.1416, 0.2024



39.2774, 0.3331, 0.2158

Rectangle

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



39.2774, 0.5127, 0.4085



39.2774, 0.3949, 0.5197



39.2774, 0.1416, 0.2024



39.2774, 0.2085, 0.1782

Sweetspot

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



39.2795, 0.5127, 0.4085



77.3824, 0.3564, 0.3578



24.7611, 0.4390, 0.2333



15.9292, 0.3642, 0.3623



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.



39.2795, 0.5127, 0.4085



34.7527, 0.5513, 0.3991



82.7246, 0.4213, 0.4908



18.5426, 0.3282, 0.3400



17.5829, 0.5525, 0.3995



1.8379, 0.5325, 0.4153

Inverse Universe

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



31.2880, 0.1936, 0.2000



25.9793, 0.1812, 0.1713



10.3407, 0.1630, 0.0851



18.1942, 0.2980, 0.3178



13.1219, 0.1808, 0.1709



1.4274, 0.1865, 0.1912

Previews

White Background



This preview shows how the Yxy color 39.2774, 0.5127, 0.4085 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 39.2774, 0.5127, 0.4085 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 39.2774, 0.5127, 0.4085

Background



This preview shows how black text looks on a background with the Yxy color 39.2774, 0.5127, 0.4085.



This preview shows how white text looks on a background with the Yxy color 39.2774, 0.5127, 0.4085.

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

39.2774, 0.5127, 0.4085

Protanopia

39.4611, 0.4240, 0.4669

Deuteranopia

39.2786, 0.4624, 0.4533



Tritanopia

39.1969, 0.4387, 0.3201

Trichromacy



Original Color

39.2774, 0.5127, 0.4085

Protanomaly

38.5416, 0.4577, 0.4445

Deuteranomaly

39.1113, 0.4814, 0.4363

Tritanomaly

38.9734, 0.4735, 0.3574

Monochromacy



Original Color

39.2774, 0.5127, 0.4085

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9366, 0.3879, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2774, 0.5127, 0.4085 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(250, 140, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 140, 46) }
```

Border

The CSS property to change the border of an element to Yxy 39.2774, 0.5127, 0.4085 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, 46) }
```

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

```
.border{ border-color:rgb(250, 140, 46) }
```

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, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 140, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 140, 46);  
box-shadow:4px 4px 4px 4px rgb(250, 140,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2774, 0.5127, 0.4085 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, 46) }
```

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

```
.background{ background-color: rgb(250,  
140, 46) }
```

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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