

Converting Colors

$Y_{xy}(39.1557, 0.5078, 0.4017)$

Have a look what the booklet for
Yxy(39.1557, 0.5078, 0.4017)
contains.

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Color

Yxy(39.0846, 0.5077, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	FA8B39
RGB	250, 139, 57
RGB Percent	98%, 55%, 22%
CMY	0.0196, 0.4549, 0.7763
CMYK	0.00, 0.44, 0.77, 0.02
HSL	25°, 95%, 60%
HSV	25°, 77%, 98%
XYZ	49.3982, 39.0846, 8.8152
YIQ	162.8410, 92.4780, -1.9700

Conversions

Conversions Part 2

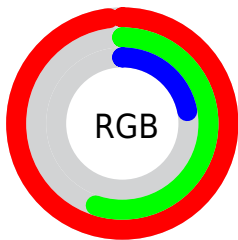
Format	Color
R _Y B	250, 200, 57
Decimal	16419641
CIE Lab	68.81, 36.43, 59.71
CIE LCh	69, 69.944, 58.611
Yxy	39.0846, 0.5077, 0.4017
Android (android.graphics.Color)	4294609721 (0xFFFA8B39)
YUV	162.8410, -52.1796, 76.4384
Hunter-Lab	62.5177, 31.6354, 35.4023

Details

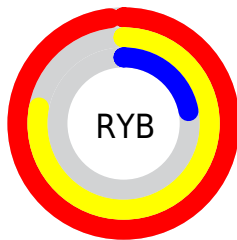
The Yxy color **39.0846, 0.5077, 0.4017** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **35.7925, 0.2005, 0.2178**, and the grayscale version is **36.7676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9477, 0.4302, 0.4142**, and **17.3812, 0.5510, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **35.0010, 0.5361, 0.3994**, and if you desaturate by 10%, it is **43.8429, 0.4767, 0.3988**.

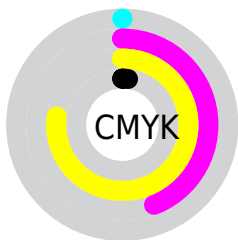
Distribution



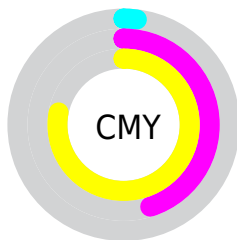
- Red (98%)
- Green (55%)
- Blue (22%)



- Red (98%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (77%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0846, 0.5077, 0.4017 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 39.0846, 0.5077, 0.4017 by changing the saturation by 10% instead.


 39.0846, 0.5077,
0.4017


 39.0846, 0.5077,
0.4017


342.2500, 0.4122,
0.3764

 26.8255, 0.5286,
0.4034


 73.7675, 0.4748,
0.3958

 17.4422, 0.5530,
0.4028


 96.9602, 0.4618,
0.3926


 10.5503, 0.5824,
0.3985


 124.5662, 0.4506,
0.3895

 5.7653, 0.6148,
0.3852

 156.9700, 0.4408,
0.3865

 2.7029, 0.6459,
0.3541

 194.5558, 0.4323,
0.3837

 0.9787, 0.6961,
0.3039

 237.7082, 0.4248,

 0.0000, 1.0000,

0.3811

0.0000

286.8115, 0.4182,
0.3787

■ 0.0000, 0.0000,
0.0000

■ 39.0846, 0.5077,
0.4017

■ 39.0846, 0.5077,
0.4017

■ 35.0010, 0.5361,
0.3994

■ 43.8429, 0.4767,
0.3988

■ 31.5442, 0.5597,
0.3917


■ 49.3057, 0.4454,
0.3918

■ 30.6736, 0.5657,
0.3890


■ 55.5075, 0.4155,
0.3822

■ 62.4785, 0.3883,
0.3711

■ 70.2468, 0.3640,
0.3594

 78.8388, 0.3427,
0.3477

 88.2797, 0.3243,
0.3366

 98.4615, 0.3097,
0.3281

 99.0653, 0.3096,
0.3290

Harmonies

Analogous

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



39.0846, 0.5026, 0.3319



39.0846, 0.5077, 0.4017



39.0846, 0.4549, 0.4720

Triad

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



39.0846, 0.5077, 0.4017



39.0846, 0.1968, 0.3915



39.0846, 0.2310, 0.1868

Complementary

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



39.0846, 0.5077, 0.4017



35.7925, 0.2005, 0.2178

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.



39.0846, 0.1719, 0.1833



39.0846, 0.5077, 0.4017



39.0846, 0.1534, 0.2802

Square

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



39.0846, 0.5077, 0.4017



39.0846, 0.2759, 0.4956



39.0846, 0.1465, 0.2112



39.0846, 0.3240, 0.2165

Rectangle

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



39.0846, 0.5077, 0.4017



39.0846, 0.4005, 0.5090



39.0846, 0.1465, 0.2112



39.0846, 0.2073, 0.1826

Sweetspot

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



39.0867, 0.5077, 0.4017



77.1132, 0.3547, 0.3545



26.1419, 0.4198, 0.2281



15.8277, 0.3627, 0.3587



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.



39.0867, 0.5077, 0.4017



34.3979, 0.5507, 0.3955



79.4246, 0.4228, 0.4827



18.4372, 0.3283, 0.3391



16.5403, 0.5628, 0.3913



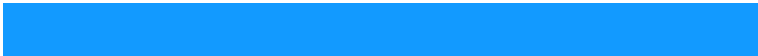
1.7371, 0.5417, 0.4081

Inverse Universe

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



35.7925, 0.2005, 0.2178



30.5464, 0.1876, 0.1917



12.5533, 0.1698, 0.0999



18.3012, 0.2980, 0.3187



14.5019, 0.1843, 0.1834



1.5532, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 39.0846, 0.5077, 0.4017 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 39.0846, 0.5077, 0.4017 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 39.0846, 0.5077, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 39.0846, 0.5077, 0.4017.



This preview shows how white text looks on a background with the Yxy color 39.0846, 0.5077, 0.4017.

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

39.0846, 0.5077, 0.4017

Protanopia

39.4490, 0.4170, 0.4584

Deuteranopia

39.2208, 0.4562, 0.4472



Tritanopia

38.9295, 0.4392, 0.3190

Trichromacy



Original Color

39.0846, 0.5077, 0.4017

Protanomaly

38.6504, 0.4514, 0.4366

Deuteranomaly

38.7211, 0.4757, 0.4292

Tritanomaly

38.7835, 0.4701, 0.3526

Monochromacy



Original Color

39.0846, 0.5077, 0.4017

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1685, 0.3850, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0846, 0.5077, 0.4017 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, 139, 57)` looks like.

```
.text, #text, p{  
    color:rgb(250, 139, 57)  
}
```

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, 139, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 139, 57) }
```

Border

The CSS property to change the border of an element to Yxy 39.0846, 0.5077, 0.4017 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, 139, 57) }
```

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

```
.border{ border-color:rgb(250, 139, 57) }
```

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

Here you see how a box with a 4 pixel rgb(250, 139, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 139, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 139, 57);  
box-shadow:4px 4px 4px 4px rgb(250, 139,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0846, 0.5077, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 139, 57) }
```

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

```
.background{ background-color: rgb(250,  
139, 57) }
```

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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