

Converting Colors

Yxy(39.1686, 0.5120, 0.3942)

Have a look what the booklet for
Yxy(39.1686, 0.5120, 0.3942)
contains.

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Color

Yxy(39.2052, 0.5120, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	FF883D
RGB	255, 136, 61
RGB Percent	100%, 53%, 24%
CMY	0.0000, 0.4666, 0.7610
CMYK	0.00, 0.47, 0.76, 0.00
HSL	23°, 100%, 62%
HSV	23°, 76%, 100%
XYZ	50.8823, 39.2052, 9.2920
YIQ	163.0310, 94.9990, 1.9030

Conversions

Conversions Part 2

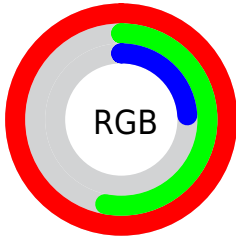
Format	Color
R_{YB}	255, 183, 61
Decimal	16746557
CIE _{Lab}	68.90, 40.04, 58.33
CIE _{LCh}	69, 70.747, 55.530
Yxy	39.2052, 0.5120, 0.3945
Android (android.graphics.Color)	4294936637 (0xFFFF883D)
YUV	163.0310, -50.3013, 80.6568
Hunter-Lab	62.6141, 35.4805, 35.0312

Details

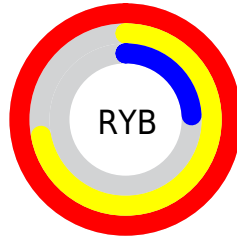
The Yxy color **39.2052, 0.5120, 0.3945** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **40.8173, 0.2042, 0.2298**, and the grayscale version is **36.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7139, 0.4293, 0.4079**, and **17.5493, 0.5590, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **34.9072, 0.5426, 0.3921**, and if you desaturate by 10%, it is **44.2801, 0.4789, 0.3919**.

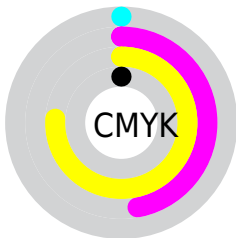
Distribution



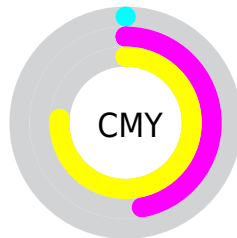
- Red (100%)
- Green (53%)
- Blue (24%)



- Red (100%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2052, 0.5120, 0.3945 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 39.2052, 0.5120, 0.3945 by changing the saturation by 10% instead.


 39.2052, 0.5120,
0.3945


 39.2052, 0.5120,
0.3945


342.7621, 0.4140,
0.3729


 26.9194, 0.5337,
0.3954


 73.9517, 0.4780,
0.3899

 17.5127, 0.5591,
0.3938


 97.1812, 0.4647,
0.3872


 10.6007, 0.5896,
0.3881


 124.8273, 0.4532,
0.3845

 5.7990, 0.6256,
0.3744

 157.2746, 0.4432,
0.3819

 2.7233, 0.6586,
0.3414

 194.9073, 0.4345,
0.3794

 0.9890, 0.7110,
0.2890

238.1098, 0.4268,

 0.0000, 1.0000,

0.3771

0.0000

287.2666, 0.4201,
0.3749

■ 0.0000, 0.0000,
0.0000

■ 39.2052, 0.5120,
0.3945

■ 39.2052, 0.5120,
0.3945

■ 34.9072, 0.5426,
0.3921

■ 44.2801, 0.4789,
0.3919

■ 31.3319, 0.5680,
0.3843

■ 50.1681, 0.4459,
0.3855

■ 30.1159, 0.5767,
0.3803

■ 56.9097, 0.4149,
0.3766

■ 64.5407, 0.3869,
0.3663

■ 73.0944, 0.3622,
0.3556

82.6024, 0.3409,
0.3450

93.0944, 0.3225,
0.3349

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



39.2052, 0.4999, 0.3247



39.2052, 0.5120, 0.3945



39.2052, 0.4633, 0.4661

Triad

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



39.2052, 0.5120, 0.3945



39.2052, 0.2024, 0.4048



39.2052, 0.2224, 0.1840

Complementary

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



39.2052, 0.5120, 0.3945



40.8173, 0.2042, 0.2298

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.



39.2052, 0.1666, 0.1834



39.2052, 0.5120, 0.3945



39.2052, 0.1548, 0.2894

Square

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



39.2052, 0.5120, 0.3945



39.2052, 0.2849, 0.5045



39.2052, 0.1444, 0.2151



39.2052, 0.3131, 0.2114

Rectangle

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



39.2052, 0.5120, 0.3945



39.2052, 0.4100, 0.5059



39.2052, 0.1444, 0.2151



39.2052, 0.1998, 0.1807

Sweetspot

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



39.2073, 0.5120, 0.3945



75.9460, 0.3552, 0.3523



27.9092, 0.4086, 0.2227



15.5480, 0.3634, 0.3561



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.



39.2073, 0.5120, 0.3945



33.0713, 0.5558, 0.3889



79.5046, 0.4265, 0.4774



19.1394, 0.3285, 0.3382



16.0054, 0.5737, 0.3827



1.7626, 0.5526, 0.3994

Inverse Universe

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



40.8173, 0.2042, 0.2298



34.3920, 0.1923, 0.2074



14.4854, 0.1727, 0.1083



19.2320, 0.2979, 0.3196



16.5552, 0.1880, 0.1967



1.8240, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 39.2052, 0.5120, 0.3945 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 39.2052, 0.5120, 0.3945 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 39.2052, 0.5120, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 39.2052, 0.5120, 0.3945.



This preview shows how white text looks on a background with the Yxy color 39.2052, 0.5120, 0.3945.

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

39.2052, 0.5120, 0.3945

Protanopia

39.5095, 0.4139, 0.4538

Deuteranopia

39.2568, 0.4541, 0.4445



Tritanopia

39.0893, 0.4413, 0.3201

Trichromacy



Original Color

39.2052, 0.5120, 0.3945

Protanomaly

38.5162, 0.4501, 0.4310

Deuteranomaly

38.7595, 0.4763, 0.4245

Tritanomaly

38.9102, 0.4715, 0.3504

Monochromacy



Original Color

39.2052, 0.5120, 0.3945

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0246, 0.3844, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2052, 0.5120, 0.3945 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 61) }
```

Border

The CSS property to change the border of an element to Yxy 39.2052, 0.5120, 0.3945 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, 61) }
```

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

```
.border{ border-color:rgb(255, 136, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2052, 0.5120, 0.3945 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, 61) }
```

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

```
.background{ background-color: rgb(255,  
136, 61) }
```

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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