

Converting Colors

$Yxy(39.3423, 0.4884, 0.3708)$

Have a look what the booklet for
Yxy(39.3423, 0.4884, 0.3708)
contains.

Yxy(39.3607, 0.4882, 0.3707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3607, 0.4882, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	FF875C
RGB	255, 135, 92
RGB Percent	100%, 53%, 36%
CMY	0.0000, 0.4706, 0.6394
CMYK	0.00, 0.47, 0.64, 0.00
HSL	16°, 100%, 68%
HSV	16°, 64%, 100%
XYZ	51.8368, 39.3607, 14.9819
YIQ	165.9780, 85.3230, 12.0670

Conversions

Conversions Part 2

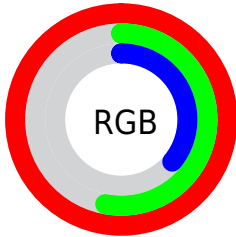
Format	Color
R _Y B	255, 150, 92
Decimal	16746332
CIE Lab	69.01, 42.08, 43.32
CIE LCh	69, 60.394, 45.831
Yxy	39.3607, 0.4882, 0.3707
Android (android.graphics.Color)	4294936412 (0xFFFF875C)
YUV	165.9780, -36.4712, 78.0723
Hunter-Lab	62.7381, 37.6923, 29.7582

Details

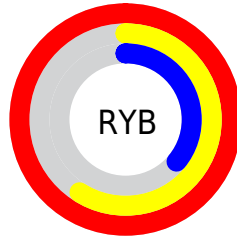
The Yxy color **39.3607, 0.4882, 0.3707** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **56.5602, 0.2236, 0.2750**, and the grayscale version is **38.2694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0701, 0.4067, 0.3781**, and **17.5539, 0.5367, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **34.2042, 0.5274, 0.3718**, and if you desaturate by 10%, it is **45.5915, 0.4501, 0.3665**.

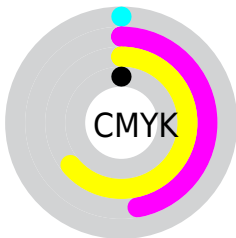
Distribution



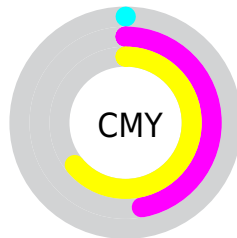
- Red (100%)
- Green (53%)
- Blue (36%)



- Red (100%)
- Yellow (59%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3607, 0.4882, 0.3707 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 39.3607, 0.4882, 0.3707 by changing the saturation by 10% instead.


 39.3607, 0.4882,
0.3707


 39.3607, 0.4882,
0.3707


343.4216, 0.3991,
0.3568

 27.0404, 0.5096,
0.3714


 74.1890, 0.4562,
0.3676

 17.6036, 0.5361,
0.3707


 97.4659, 0.4440,
0.3658

 10.6658, 0.5691,
0.3668


 125.1637, 0.4337,
0.3641

 5.8426, 0.6132,
0.3580

 157.6670, 0.4248,
0.3625

 2.7496, 0.6653,
0.3347

195.3600, 0.4171,
0.3609

 1.0024, 0.7187,
0.2813

238.6271, 0.4103,

 0.0000, 1.0000,

0.3594

0.0000

287.8529, 0.4044,
0.3581

■ 0.0000, 0.0000,
0.0000

■ 39.3607, 0.4882,
0.3707

■ 39.3607, 0.4882,
0.3707

■ 34.2042, 0.5274,
0.3718

■ 45.5915, 0.4501,
0.3665

■ 30.0560, 0.5640,
0.3688

■ 52.9534, 0.4154,
0.3603

■ 26.8446, 0.5938,
0.3614

■ 61.5010, 0.3850,
0.3531

■ 25.3123, 0.6078,
0.3556

■ 71.2847, 0.3591,
0.3457

■ 82.3520, 0.3373,
0.3384

 94.7478, 0.3190,
0.3316

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



39.3607, 0.4563, 0.3087



39.3607, 0.4882, 0.3707



39.3607, 0.4641, 0.4337

Triad

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



39.3607, 0.4882, 0.3707



39.3607, 0.2394, 0.4246



39.3607, 0.2148, 0.1980

Complementary

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



39.3607, 0.4882, 0.3707



56.5602, 0.2236, 0.2750

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.



39.3607, 0.1741, 0.2073



39.3607, 0.4882, 0.3707



39.3607, 0.1847, 0.3263

Square

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



39.3607, 0.4882, 0.3707



39.3607, 0.3185, 0.4887



39.3607, 0.1637, 0.2483



39.3607, 0.2858, 0.2150

Rectangle

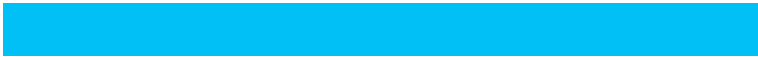
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.3607, 0.4882, 0.3707



39.3607, 0.4247, 0.4701



39.3607, 0.1637, 0.2483



39.3607, 0.1978, 0.1980

Sweetspot

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



39.3613, 0.4882, 0.3707



76.5839, 0.3478, 0.3421



33.7754, 0.3616, 0.2134



15.7266, 0.3542, 0.3442



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.



39.3613, 0.4882, 0.3707



32.8290, 0.5391, 0.3714



70.2473, 0.4267, 0.4456



18.7668, 0.3288, 0.3353



13.4320, 0.6050, 0.3578



1.4773, 0.5831, 0.3752

Inverse Universe

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



56.5602, 0.2236, 0.2750



50.9289, 0.2121, 0.2620



26.1928, 0.1987, 0.1689



19.6222, 0.2980, 0.3226



22.7520, 0.2002, 0.2408



2.3940, 0.2033, 0.2520

Previews

White Background



This preview shows how the Yxy color 39.3607, 0.4882, 0.3707 looks on a white background.

Color Contrast Check

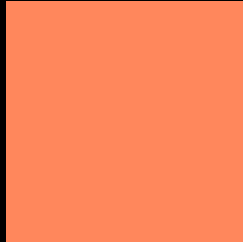
Large Text (above 18pt) WCAG AA × Fail

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 39.3607, 0.4882, 0.3707 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 39.3607, 0.4882, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 39.3607, 0.4882, 0.3707.



This preview shows how white text looks on a background with the Yxy color 39.3607, 0.4882, 0.3707.

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

39.3607, 0.4882, 0.3707

Protanopia

39.5658, 0.3844, 0.4172

Deuteranopia

39.4433, 0.4269, 0.4189



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.3607, 0.4882, 0.3707

Protanomaly

38.7357, 0.4218, 0.3991

Deuteranomaly

39.0250, 0.4491, 0.4004

Tritanomaly

39.1926, 0.4584, 0.3386

Monochromacy



Original Color

39.3607, 0.4882, 0.3707

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3125, 0.3724, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3607, 0.4882, 0.3707 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, 135, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 92)  
}
```

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, 135, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.3607, 0.4882, 0.3707 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, 135, 92) }
```

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

```
.border{ border-color:rgb(255, 135, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3607, 0.4882, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 92) }
```

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

```
.background{ background-color: rgb(255,  
135, 92) }
```

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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