

Converting Colors

$Y_{xy}(38.7246, 0.4822, 0.3719)$

Have a look what the booklet for
Yxy(38.7246, 0.4822, 0.3719)
contains.

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Color

Yxy(38.7226, 0.4822, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	FA885D
RGB	250, 136, 93
RGB Percent	98%, 53%, 36%
CMY	0.0196, 0.4667, 0.6352
CMYK	0.00, 0.46, 0.63, 0.02
HSL	16°, 94%, 67%
HSV	16°, 63%, 98%
XYZ	50.2071, 38.7226, 15.1913
YIQ	165.1840, 81.7470, 10.7950

Conversions

Conversions Part 2

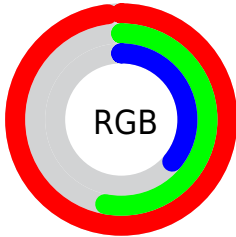
Format	Color
R _Y B	250, 152, 93
Decimal	16418909
CIE Lab	68.55, 39.74, 42.04
CIE LCh	69, 57.857, 46.611
Yxy	38.7226, 0.4822, 0.3719
Android (android.graphics.Color)	4294608989 (0xFFFA885D)
YUV	165.1840, -35.5867, 74.3836
Hunter-Lab	62.2275, 35.1215, 29.0851

Details

The Yxy color **38.7226, 0.4822, 0.3719** 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 **53.8754, 0.2244, 0.2742**, and the grayscale version is **37.8668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5352, 0.4054, 0.3781**, and **17.2215, 0.5286, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **33.6630, 0.5209, 0.3737**, and if you desaturate by 10%, it is **44.7974, 0.4449, 0.3672**.

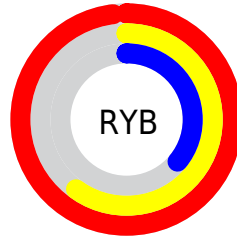
Distribution



Red (98%)

Green (53%)

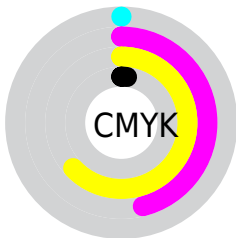
Blue (36%)



Red (98%)

Yellow (60%)

Blue (36%)

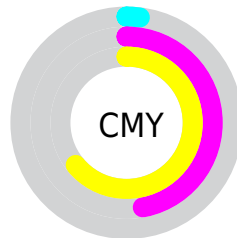


Cyan (0%)

Magenta (46%)

Yellow (63%)

Black (2%)



Cyan (2%)


Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7226, 0.4822, 0.3719 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 38.7226, 0.4822, 0.3719 by changing the saturation by 10% instead.


 38.7226, 0.4822,
0.3719


 38.7226, 0.4822,
0.3719


340.7097, 0.3958,
0.3568


 26.5440, 0.5031,
0.3731


 73.2144, 0.4510,
0.3682

 17.2310, 0.5292,
0.3730


 96.2963, 0.4392,
0.3663

 10.3994, 0.5619,
0.3700


 123.7815, 0.4292,
0.3644

 5.6645, 0.6056,
0.3623

 156.0543, 0.4206,
0.3627

 2.6422, 0.6590,
0.3410

193.4991, 0.4131,
0.3610

 0.9479, 0.7122,
0.2878

236.5003, 0.4066,

 0.0000, 1.0000,

0.3595

0.0000

285.4424, 0.4009,
0.3581

0.0000, 0.0000,
0.0000

38.7226, 0.4822,
0.3719

38.7226, 0.4822,
0.3719

33.6630, 0.5209,
0.3737

44.7974, 0.4449,
0.3672

29.5541, 0.5577,
0.3713

51.9346, 0.4110,
0.3606


26.3327, 0.5884,
0.3644


60.1856, 0.3814,
0.3531

24.5120, 0.6055,
0.3574

69.5965, 0.3562,
0.3454

80.2107, 0.3349,
0.3379

 92.0695, 0.3171,
0.3309

 99.0651, 0.3096,
0.3290

Harmonies

Analogous

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



38.7226, 0.4525, 0.3113



38.7226, 0.4822, 0.3719



38.7226, 0.4583, 0.4327

Triad

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



38.7226, 0.4822, 0.3719



38.7226, 0.2404, 0.4184



38.7226, 0.2194, 0.2020

Complementary

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



38.7226, 0.4822, 0.3719



53.8754, 0.2244, 0.2742

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.



38.7226, 0.1789, 0.2106



38.7226, 0.4822, 0.3719



38.7226, 0.1879, 0.3244

Square

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



38.7226, 0.4822, 0.3719



38.7226, 0.3168, 0.4815



38.7226, 0.1680, 0.2499



38.7226, 0.2890, 0.2191

Rectangle

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



38.7226, 0.4822, 0.3719



38.7226, 0.4200, 0.4670



38.7226, 0.1680, 0.2499



38.7226, 0.2025, 0.2018

Sweetspot

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



38.7246, 0.4822, 0.3719



76.8309, 0.3477, 0.3426



32.7209, 0.3634, 0.2172



15.7854, 0.3541, 0.3447



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.



38.7246, 0.4822, 0.3719



34.1413, 0.5297, 0.3735



68.8954, 0.4229, 0.4462



17.9983, 0.3287, 0.3356



13.2056, 0.6026, 0.3597



1.3917, 0.5795, 0.3780

Inverse Universe

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



53.8754, 0.2244, 0.2742



50.8480, 0.2130, 0.2614



25.1064, 0.2000, 0.1690



18.7579, 0.2980, 0.3224



21.5659, 0.1993, 0.2374



2.1740, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 38.7226, 0.4822, 0.3719 looks on a white background.

Color Contrast Check

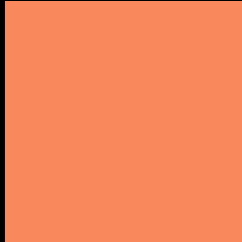
Large Text (above 18pt) WCAG AA × Fail

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 38.7226, 0.4822, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

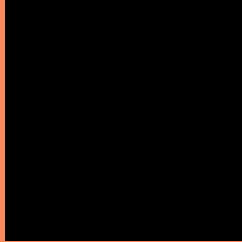
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7226, 0.4822, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 38.7226, 0.4822, 0.3719.



This preview shows how white text looks on a background with the Yxy color 38.7226, 0.4822, 0.3719.

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

38.7226, 0.4822, 0.3719

Protanopia

39.0925, 0.3831, 0.4151

Deuteranopia

38.9680, 0.4259, 0.4172



Tritanopia

38.7120, 0.4394, 0.3200

Trichromacy



Original Color

38.7226, 0.4822, 0.3719



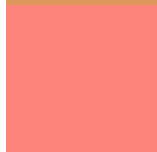
Protanomaly

37.9819, 0.4186, 0.3978



Deuteranomaly

38.4010, 0.4471, 0.3990



Tritanomaly

38.6031, 0.4568, 0.3397

Monochromacy



Original Color

38.7226, 0.4822, 0.3719



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.7110, 0.3707, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7226, 0.4822, 0.3719 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, 136, 93)` looks like.

```
.text, #text, p{  
    color:rgb(250, 136, 93)  
}
```

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, 136, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 136, 93) }
```

Border

The CSS property to change the border of an element to Yxy 38.7226, 0.4822, 0.3719 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, 136, 93) }
```

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

```
.border{ border-color:rgb(250, 136, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 136, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 136, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 136, 93);  
box-shadow:4px 4px 4px 4px rgb(250, 136,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7226, 0.4822, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 136, 93) }
```

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

```
.background{ background-color: rgb(250,  
136, 93) }
```

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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