

Converting Colors

$Y_{xy}(39.5581, 0.4679, 0.3752)$

Have a look what the booklet for
Yxy(39.5581, 0.4679, 0.3752)
contains.

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Color

Yxy(39.4609, 0.4674, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	F48E62
RGB	244, 142, 98
RGB Percent	96%, 56%, 38%
CMY	0.0432, 0.4431, 0.6156
CMYK	0.00, 0.42, 0.60, 0.04
HSL	18°, 87%, 67%
HSV	18°, 60%, 96%
XYZ	49.1841, 39.4609, 16.5841
YIQ	167.4820, 74.9160, 7.9400

Conversions

Conversions Part 2

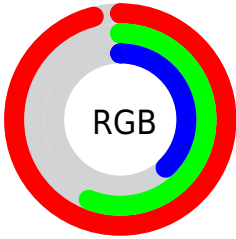
Format	Color
R_{YB}	244, 161, 98
Decimal	16027234
CIE _{Lab}	69.08, 34.68, 39.89
CIE _{LCh}	69, 52.855, 48.995
Y _{xy}	39.4609, 0.4674, 0.3750
Android (android.graphics.Color)	4294217314 (0xFFFF48E62)
YUV	167.4820, -34.2546, 67.1063
Hunter-Lab	62.8179, 29.8275, 28.3198

Details

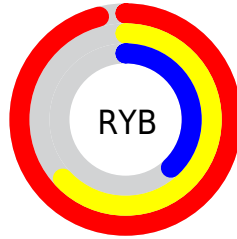
The Yxy color **39.4609, 0.4674, 0.3750** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4364, 0.2265, 0.2718**, and the grayscale version is **39.0365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3945, 0.3978, 0.3781**, and **17.6099, 0.5106, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **34.3792, 0.5047, 0.3783**, and if you desaturate by 10%, it is **45.4628, 0.4321, 0.3689**.

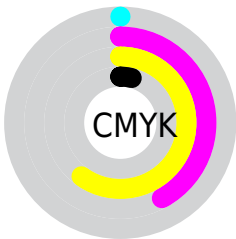
Distribution



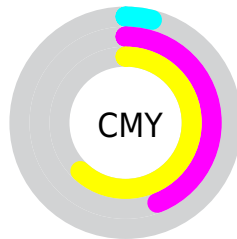
- Red (96%)
- Green (56%)
- Blue (38%)



- Red (96%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (42%)
- Yellow (60%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4609, 0.4674, 0.3750 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 39.4609, 0.4674, 0.3750 by changing the saturation by 10% instead.


 39.4609, 0.4674,
0.3750


 39.4609, 0.4674,
0.3750

343.8461, 0.3885,
0.3572


 27.1185, 0.4867,
0.3773


 74.3419, 0.4389,
0.3701


 17.6622, 0.5108,
0.3788

 97.6492, 0.4281,
0.3677

 10.7077, 0.5413,
0.3783


 125.3803, 0.4189,
0.3656

 5.8707, 0.5809,
0.3735

 157.9196, 0.4111,
0.3636

 2.7666, 0.6384,
0.3616

195.6514, 0.4043,
0.3618

 1.0111, 0.6865,
0.3135

238.9602, 0.3984,

 0.0000, 1.0000,

0.3601

0.0000

288.2303, 0.3932,
0.3586

■ 0.0000, 0.0000,
0.0000

■ 39.4609, 0.4674,
0.3750

■ 39.4609, 0.4674,
0.3750

■ 34.3792, 0.5047,
0.3783

■ 45.4628, 0.4321,
0.3689

■ 30.1632, 0.5412,
0.3777

■ 52.4232, 0.4004,
0.3613

■ 26.7614, 0.5734,
0.3723

■ 60.3855, 0.3728,
0.3529

■ 24.1070, 0.5984,
0.3629

■ 69.3886, 0.3492,
0.3445

■ 24.0667, 0.5988,
0.3628

■ 79.4690, 0.3292,
0.3365

 90.6616, 0.3124,
0.3289

 97.9713, 0.3060,
0.3290

Harmonies

Analogous

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



39.4609, 0.4436, 0.3181



39.4609, 0.4674, 0.3750



39.4609, 0.4435, 0.4301

Triad

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



39.4609, 0.4674, 0.3750



39.4609, 0.2425, 0.4031



39.4609, 0.2313, 0.2121

Complementary

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



39.4609, 0.4674, 0.3750



50.4364, 0.2265, 0.2718

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.



39.4609, 0.1911, 0.2186



39.4609, 0.4674, 0.3750



39.4609, 0.1956, 0.3194

Square

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



39.4609, 0.4674, 0.3750



39.4609, 0.3118, 0.4635



39.4609, 0.1788, 0.2534



39.4609, 0.2976, 0.2297

Rectangle

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



39.4609, 0.4674, 0.3750



39.4609, 0.4074, 0.4590



39.4609, 0.1788, 0.2534



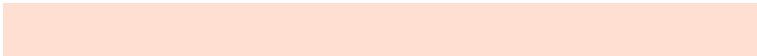
39.4609, 0.2148, 0.2114

Sweetspot

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



39.4629, 0.4674, 0.3750



78.6081, 0.3454, 0.3431



32.1497, 0.3658, 0.2256



16.1648, 0.3517, 0.3455



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.



39.4629, 0.4674, 0.3750



36.8299, 0.5134, 0.3786



68.6105, 0.4145, 0.4461



17.2967, 0.3286, 0.3362



13.2961, 0.5959, 0.3650



1.3413, 0.5715, 0.3844

Inverse Universe

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



50.4364, 0.2265, 0.2718



49.7293, 0.2137, 0.2576



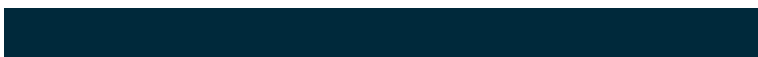
24.3627, 0.2040, 0.1714



17.8653, 0.2980, 0.3217



19.5298, 0.1966, 0.2276



1.8962, 0.2005, 0.2418

Previews

White Background



This preview shows how the Yxy color 39.4609, 0.4674, 0.3750 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 39.4609, 0.4674, 0.3750 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 39.4609, 0.4674, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 39.4609, 0.4674, 0.3750.



This preview shows how white text looks on a background with the Yxy color 39.4609, 0.4674, 0.3750.

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

39.4609, 0.4674, 0.3750

Protanopia

39.6490, 0.3810, 0.4121

Deuteranopia

39.4197, 0.4202, 0.4118



Tritanopia

39.4578, 0.4227, 0.3186

Trichromacy



Original Color

39.4609, 0.4674, 0.3750

Protanomaly

38.9176, 0.4128, 0.3981

Deuteranomaly

39.1531, 0.4384, 0.3979

Tritanomaly

39.3548, 0.4398, 0.3390

Monochromacy



Original Color

39.4609, 0.4674, 0.3750

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0088, 0.3652, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4609, 0.4674, 0.3750 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(244, 142, 98)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 98)  
}
```

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(244, 142, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 98) }
```

Border

The CSS property to change the border of an element to Yxy 39.4609, 0.4674, 0.3750 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(244, 142, 98) }
```

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

```
.border{ border-color:rgb(244, 142, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 142, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 98);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4609, 0.4674, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 98) }
```

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

```
.background{ background-color: rgb(244,  
142, 98) }
```

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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