

Converting Colors

$Y_{xy}(43.3135, 0.4649, 0.3845)$

Have a look what the booklet for
Yxy(43.3135, 0.4649, 0.3845)
contains.

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Color

Yxy(43.4593, 0.4648, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	F99861
RGB	249, 152, 97
RGB Percent	98%, 60%, 38%
CMY	0.0235, 0.4039, 0.6195
CMYK	0.00, 0.39, 0.61, 0.02
HSL	22°, 93%, 68%
HSV	22°, 61%, 98%
XYZ	52.4536, 43.4593, 16.9391
YIQ	174.7330, 75.4670, 3.4590

Conversions

Conversions Part 2

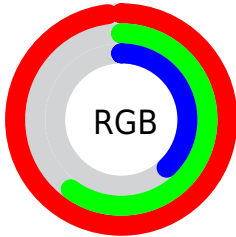
Format	Color
RYB	249, 183, 97
Decimal	16357473
CIELab	71.87, 31.39, 43.93
CIElCh	72, 53.992, 54.448
Yxy	43.4593, 0.4648, 0.3851
Android (android.graphics.Color)	4294547553 (0xFFFF99861)
YUV	174.7330, -38.3224, 65.1322
Hunter-Lab	65.9237, 26.6610, 30.9120

Details

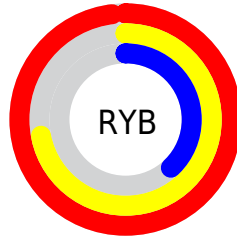
The Yxy color **43.4593, 0.4648, 0.3851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.9743, 0.2222, 0.2579**, and the grayscale version is **42.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0556, 0.3942, 0.3890**, and **20.0191, 0.5050, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **38.2496, 0.4993, 0.3893**, and if you desaturate by 10%, it is **49.5104, 0.4316, 0.3778**.

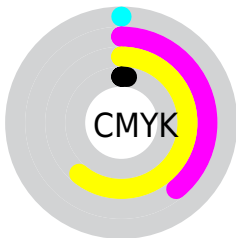
Distribution



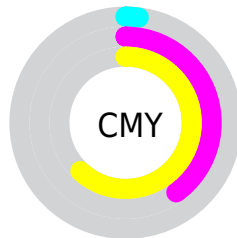
- Red (98%)
- Green (60%)
- Blue (38%)



- Red (98%)
- Yellow (72%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (61%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4593, 0.4648, 0.3851 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 43.4593, 0.4648, 0.3851 by changing the saturation by 10% instead.


 43.4593, 0.4648,
0.3851


 43.4593, 0.4648,
0.3851


360.4972, 0.3889,
0.3627

 30.2457, 0.4828,
0.3884


 80.4035, 0.4377,
0.3786


 20.0251, 0.5049,
0.3913


 104.9029, 0.4274,
0.3756

 12.4133, 0.5325,
0.3926


 133.9329, 0.4186,
0.3729

 7.0258, 0.5671,
0.3901

 167.8780, 0.4110,
0.3705

 3.4782, 0.6170,
0.3830

207.1226, 0.4043,
0.3683

 1.3862, 0.6561,
0.3439

252.0511, 0.3986,

 0.2065, 0.8242,

0.3663

0.1758

303.0478, 0.3934,
0.3644

0.0000, 0.0000,
0.0000

43.4593, 0.4648,
0.3851

43.4593, 0.4648,
0.3851

38.2496, 0.4993,
0.3893

49.5104, 0.4316,
0.3778

33.8332, 0.5327,
0.3891

56.4342, 0.4013,
0.3688


30.1661, 0.5621,
0.3836

64.2686, 0.3745,
0.3588

27.4656, 0.5834,
0.3750

73.0468, 0.3512,
0.3488

82.8004, 0.3313,
0.3391

 93.5592, 0.3143,
0.3299

 98.8795, 0.3090,
0.3290

Harmonies

Analogous

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



43.4593, 0.4501, 0.3284



43.4593, 0.4648, 0.3851



43.4593, 0.4338, 0.4380

Triad

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



43.4593, 0.4648, 0.3851



43.4593, 0.2327, 0.3875



43.4593, 0.2423, 0.2147

Complementary

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



43.4593, 0.4648, 0.3851



47.9743, 0.2222, 0.2579

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.



43.4593, 0.1974, 0.2165



43.4593, 0.4648, 0.3851



43.4593, 0.1915, 0.3057

Square

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



43.4593, 0.4648, 0.3851



43.4593, 0.2986, 0.4547



43.4593, 0.1801, 0.2457



43.4593, 0.3118, 0.2360

Rectangle

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



43.4593, 0.4648, 0.3851



43.4593, 0.3950, 0.4633



43.4593, 0.1801, 0.2457



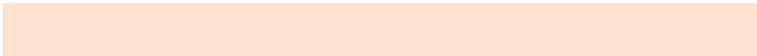
43.4593, 0.2243, 0.2125

Sweetspot

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



43.4615, 0.4648, 0.3851



80.1011, 0.3449, 0.3458



32.6705, 0.3764, 0.2308



16.5253, 0.3510, 0.3487



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.



43.4615, 0.4648, 0.3851



39.3510, 0.5064, 0.3896



75.5062, 0.4119, 0.4541



18.2531, 0.3285, 0.3376



14.9471, 0.5805, 0.3773



1.5777, 0.5578, 0.3953

Inverse Universe

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



47.9743, 0.2222, 0.2579



44.2992, 0.2089, 0.2410



22.7725, 0.1995, 0.1581



18.4906, 0.2980, 0.3202



17.1984, 0.1905, 0.2058



1.7940, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 43.4593, 0.4648, 0.3851 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 43.4593, 0.4648, 0.3851 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 43.4593, 0.4648, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 43.4593, 0.4648, 0.3851.



This preview shows how white text looks on a background with the Yxy color 43.4593, 0.4648, 0.3851.

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

43.4593, 0.4648, 0.3851

Protanopia

43.8223, 0.3873, 0.4209

Deuteranopia

43.4123, 0.4248, 0.4159



Tritanopia

43.5000, 0.4144, 0.3187

Trichromacy



Original Color

43.4593, 0.4648, 0.3851

Protanomaly

43.1307, 0.4146, 0.4074

Deuteranomaly

43.1609, 0.4398, 0.4040

Tritanomaly

43.5965, 0.4344, 0.3441

Monochromacy



Original Color

43.4593, 0.4648, 0.3851

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3006, 0.3644, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4593, 0.4648, 0.3851 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(249, 152, 97)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 97)  
}
```

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(249, 152, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 97) }
```

Border

The CSS property to change the border of an element to Yxy 43.4593, 0.4648, 0.3851 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(249, 152, 97) }
```

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

```
.border{ border-color:rgb(249, 152, 97) }
```

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

Here you see how a box with a 4 pixel rgb(249, 152, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 97);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4593, 0.4648, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 97) }
```

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

```
.background{ background-color: rgb(249,  
152, 97) }
```

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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