

Converting Colors

$Y_{xy}(48.2781, 0.4201, 0.3551)$

Have a look what the booklet for
Yxy(48.2781, 0.4201, 0.3551)
contains.

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Color

Yxy(48.3825, 0.4195, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FAA38B
RGB	250, 163, 139
RGB Percent	98%, 64%, 55%
CMY	0.0195, 0.3608, 0.4548
CMYK	0.00, 0.35, 0.44, 0.02
HSL	13°, 92%, 76%
HSV	13°, 44%, 98%
XYZ	57.1892, 48.3825, 30.7554
YIQ	186.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

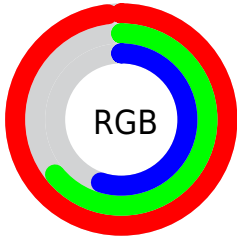
Format	Color
R _Y B	250, 170, 139
Decimal	16425867
CIE Lab	75.07, 29.59, 25.78
CIE LCh	75, 39.247, 41.069
Yxy	48.3825, 0.4195, 0.3549
Android (android.graphics.Color)	4294615947 (0xFFFAA38B)
YUV	186.2770, -23.3076, 55.8851
Hunter-Lab	69.5575, 25.0345, 22.4747

Details

The Yxy color **48.3825, 0.4195, 0.3549** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8118, 0.2479, 0.3004**, and the grayscale version is **49.3763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2531, 0.3579, 0.3547**, and **22.9495, 0.4498, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **41.3063, 0.4561, 0.3598**, and if you desaturate by 10%, it is **56.7095, 0.3877, 0.3491**.

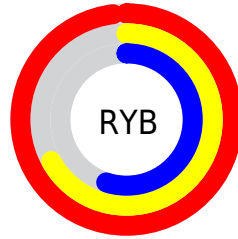
Distribution



Red (98%)

Green (64%)

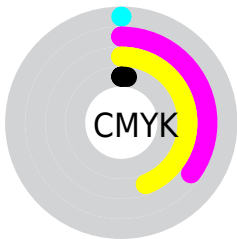
Blue (55%)



Red (98%)

Yellow (67%)

Blue (55%)

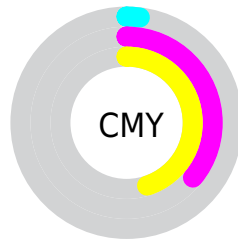


Cyan (0%)

Magenta (35%)

Yellow (44%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3825, 0.4195, 0.3549 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 48.3825, 0.4195, 0.3549 by changing the saturation by 10% instead.


 48.3825, 0.4195,
0.3549


 48.3825, 0.4195,
0.3549


380.3063, 0.3660,
0.3444


 34.1299, 0.4327,
0.3567


 87.7736, 0.4002,
0.3517

 22.9934, 0.4493,
0.3585


 113.6810, 0.3929,
0.3503

 14.5886, 0.4711,
0.3601


 144.2420, 0.3867,
0.3491

 8.5312, 0.5005,
0.3607

179.8411, 0.3814,
0.3479

 4.4367, 0.5414,
0.3583

220.8627, 0.3768,
0.3469

 1.9207, 0.6321,
0.3654

267.6911, 0.3727,

 0.5608, 0.7029,

0.3460

0.2971

320.7109, 0.3692,
0.3452

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3825, 0.4195,
0.3549

48.3825, 0.4195,
0.3549

41.3063, 0.4561,
0.3598

56.7095, 0.3877,
0.3491

35.4125, 0.4963,
0.3630

66.3369, 0.3608,
0.3430

30.6372, 0.5374,
0.3633

77.3202, 0.3384,
0.3370

26.9070, 0.5753,
0.3599

89.7098, 0.3198,
0.3314

■ 24.1390, 0.6050,
0.3527

■ 99.0686, 0.3096,
0.3290

■ 22.9676, 0.6174,
0.3480

Harmonies

Analogous

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



48.3825, 0.3936, 0.3127



48.3825, 0.4195, 0.3549



48.3825, 0.4133, 0.3951

Triad

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



48.3825, 0.4195, 0.3549



48.3825, 0.2766, 0.3921



48.3825, 0.2449, 0.2434

Complementary

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



48.3825, 0.4195, 0.3549



66.8118, 0.2479, 0.3004

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.



48.3825, 0.2197, 0.2552



48.3825, 0.4195, 0.3549



48.3825, 0.2363, 0.3389

Square

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



48.3825, 0.4195, 0.3549



48.3825, 0.3289, 0.4242



48.3825, 0.2166, 0.2882



48.3825, 0.2892, 0.2514

Rectangle

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



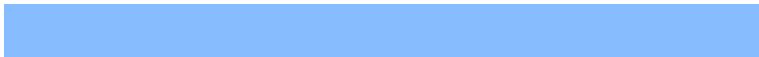
48.3825, 0.4195, 0.3549



48.3825, 0.3931, 0.4159



48.3825, 0.2166, 0.2882



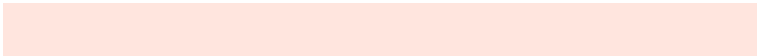
48.3825, 0.2341, 0.2450

Sweetspot

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



48.3849, 0.4195, 0.3549



82.5703, 0.3356, 0.3362



44.3895, 0.3376, 0.2392



17.0939, 0.3401, 0.3375



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.



48.3849, 0.4195, 0.3549



44.1209, 0.4509, 0.3592



71.6755, 0.3930, 0.4092



17.8328, 0.3289, 0.3342



12.3498, 0.6149, 0.3500



1.2919, 0.5928, 0.3675

Inverse Universe

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



66.8118, 0.2479, 0.3004



65.4902, 0.2374, 0.2939



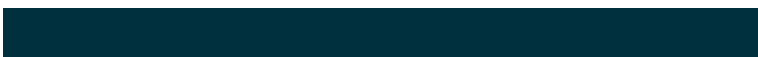
42.0198, 0.2359, 0.2321



18.9349, 0.2980, 0.3238



24.8221, 0.2050, 0.2578



2.4514, 0.2076, 0.2673

Previews

White Background



This preview shows how the Yxy color 48.3825, 0.4195, 0.3549 looks on a white background.

Color Contrast Check

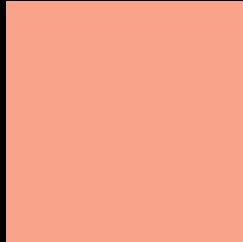
Large Text (above 18pt) WCAG AA × Fail

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 48.3825, 0.4195, 0.3549 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 48.3825, 0.4195, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 48.3825, 0.4195, 0.3549.

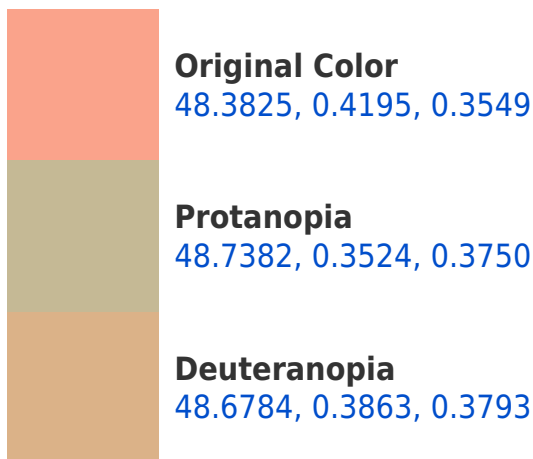


This preview shows how white text looks on a background with the Yxy color 48.3825, 0.4195, 0.3549.

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





Tritanopia

48.5812, 0.3933, 0.3176

Trichromacy



Original Color

48.3825, 0.4195, 0.3549

Protanomaly

48.0875, 0.3760, 0.3679

Deuteranomaly

48.5163, 0.3980, 0.3707

Tritanomaly

48.3403, 0.4030, 0.3303

Monochromacy



Original Color

48.3825, 0.4195, 0.3549

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2607, 0.3480, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3825, 0.4195, 0.3549 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, 163, 139)` looks like.

```
.text, #text, p{  
    color:rgb(250, 163, 139)  
}
```

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, 163, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 163, 139) }
```

Border

The CSS property to change the border of an element to Yxy 48.3825, 0.4195, 0.3549 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, 163, 139) }
```

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

```
.border{ border-color:rgb(250, 163, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 163, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 163, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 163, 139);  
box-shadow:4px 4px 4px 4px rgb(250, 163,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3825, 0.4195, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 163, 139) }
```

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

```
.background{ background-color: rgb(250,  
163, 139) }
```

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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