

Converting Colors

Yxy(48.7620, 0.4205, 0.3559)

Have a look what the booklet for
Yxy(48.7620, 0.4205, 0.3559)
contains.

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Color

Yxy(48.9242, 0.4199, 0.3559)

Conversions

Conversions Part 1	
Format	Color
Hex	FBA48B
RGB	251, 164, 139
RGB Percent	98%, 64%, 55%
CMY	0.0156, 0.3569, 0.4550
CMYK	0.00, 0.35, 0.45, 0.02
HSL	13°, 93%, 76%
HSV	13°, 45%, 98%
XYZ	57.7220, 48.9242, 30.8199
YIQ	187.1630, 59.8770, 10.6690

Conversions

Conversions Part 2

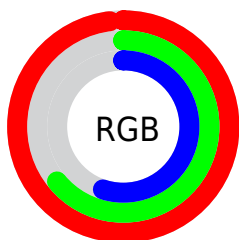
Format	Color
RYB	251, 171, 139
Decimal	16491659
CIELab	75.40, 29.44, 26.28
CIELCh	75, 39.458, 41.754
Yxy	48.9242, 0.4199, 0.3559
Android (android.graphics.Color)	4294681739 (0xFFFB48B)
YUV	187.1630, -23.7444, 55.9850
Hunter-Lab	69.9458, 24.9000, 22.8374

Details

The Yxy color **48.9242, 0.4199, 0.3559** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8439, 0.2474, 0.2993**, and the grayscale version is **49.9028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2967, 0.3574, 0.3567**, and **23.2966, 0.4501, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **41.8239, 0.4563, 0.3610**, and if you desaturate by 10%, it is **57.2675, 0.3882, 0.3499**.

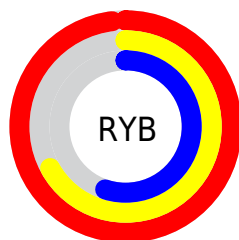
Distribution



Red (98%)

Green (64%)

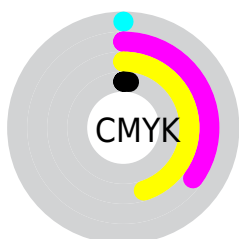
Blue (55%)



Red (98%)

Yellow (67%)

Blue (55%)

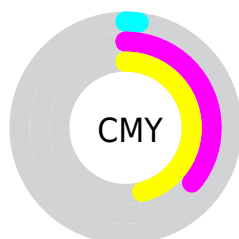


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9242, 0.4199, 0.3559 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 48.9242, 0.4199, 0.3559 by changing the saturation by 10% instead.


 48.9242, 0.4199,
0.3559


 48.9242, 0.4199,
0.3559


382.4438, 0.3663,
0.3450

 34.5594, 0.4330,
0.3578


 88.5789, 0.4006,
0.3525

 23.3236, 0.4497,
0.3597


 114.6375, 0.3933,
0.3511

 14.8327, 0.4714,
0.3614


 145.3628, 0.3871,
0.3498

 8.7020, 0.5005,
0.3622

181.1392, 0.3817,
0.3486

 4.5473, 0.5410,
0.3601

222.3511, 0.3771,
0.3476

 1.9842, 0.6294,
0.3670


269.3829, 0.3731,


 0.5983, 0.6961,


0.3466


0.3039


322.6190, 0.3695,
0.3458


 0.0000, 1.0000,
0.0000


 0.0000, 0.0000,
0.0000


 48.9242, 0.4199,
0.3559


 48.9242, 0.4199,
0.3559


 41.8239, 0.4563,
0.3610


 57.2675, 0.3882,
0.3499


 35.8989, 0.4963,
0.3642


 66.9024, 0.3613,
0.3436


 31.0863, 0.5371,
0.3645

 77.8840, 0.3389,
0.3374

 27.3139, 0.5747,
0.3610

 90.2618, 0.3202,
0.3316

 24.4998, 0.6041, 99.2518, 0.3103,
0.3537 0.3290

 23.3455, 0.6161,
0.3490

Harmonies

Analogous

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



48.9242, 0.3946, 0.3136



48.9242, 0.4199, 0.3559



48.9242, 0.4130, 0.3961

Triad

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



48.9242, 0.4199, 0.3559



48.9242, 0.2755, 0.3912



48.9242, 0.2456, 0.2432

Complementary

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



48.9242, 0.4199, 0.3559



66.8439, 0.2474, 0.2993

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.



48.9242, 0.2199, 0.2545



48.9242, 0.4199, 0.3559



48.9242, 0.2355, 0.3377

Square

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



48.9242, 0.4199, 0.3559



48.9242, 0.3277, 0.4240



48.9242, 0.2162, 0.2872



48.9242, 0.2903, 0.2517

Rectangle

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



48.9242, 0.4199, 0.3559



48.9242, 0.3923, 0.4166



48.9242, 0.2162, 0.2872



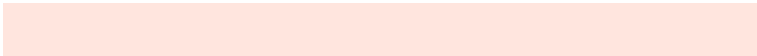
48.9242, 0.2347, 0.2447

Sweetspot

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



48.9266, 0.4199, 0.3559



82.7045, 0.3356, 0.3364



44.5038, 0.3395, 0.2404



17.1266, 0.3401, 0.3378



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.



48.9266, 0.4199, 0.3559



43.7470, 0.4541, 0.3607



73.1804, 0.3927, 0.4114



17.8537, 0.3288, 0.3344



12.4463, 0.6134, 0.3511



1.3036, 0.5911, 0.3688

Inverse Universe

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



66.8439, 0.2474, 0.2993



64.4683, 0.2361, 0.2918



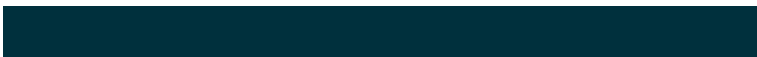
41.4754, 0.2351, 0.2290



18.9124, 0.2980, 0.3236



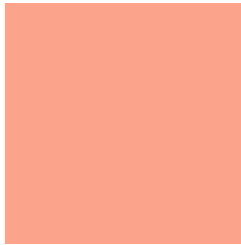
24.3921, 0.2042, 0.2552



2.4150, 0.2070, 0.2651

Previews

White Background



This preview shows how the Yxy color 48.9242, 0.4199, 0.3559 looks on a white background.

Color Contrast Check

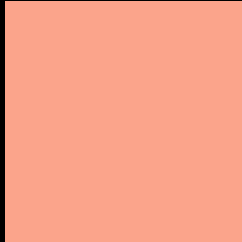
Large Text (above 18pt) WCAG AA × Fail

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 48.9242, 0.4199, 0.3559 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 48.9242, 0.4199, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 48.9242, 0.4199, 0.3559.



This preview shows how white text looks on a background with the Yxy color 48.9242, 0.4199, 0.3559.

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

48.9242, 0.4199, 0.3559

Protanopia

49.2935, 0.3530, 0.3761

Deuteranopia

48.8340, 0.3873, 0.3791



Tritanopia

48.8074, 0.3932, 0.3166

Trichromacy



Original Color

48.9242, 0.4199, 0.3559



Protanomaly

48.6368, 0.3766, 0.3689



Deuteranomaly

48.6822, 0.3989, 0.3705



Tritanomaly

48.8756, 0.4035, 0.3314

Monochromacy



Original Color

48.9242, 0.4199, 0.3559



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.8441, 0.3478, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9242, 0.4199, 0.3559 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(251, 164, 139)` looks like.

```
.text, #text, p{  
    color:rgb(251, 164, 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(251, 164, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 164, 139) }
```

Border

The CSS property to change the border of an element to Yxy 48.9242, 0.4199, 0.3559 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(251, 164, 139) }
```

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

```
.border{ border-color:rgb(251, 164, 139) }
```

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

Here you see how a box with a 4 pixel rgb(251, 164, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 164, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 164, 139);  
box-shadow:4px 4px 4px 4px rgb(251, 164,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9242, 0.4199, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 164, 139) }
```

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

```
.background{ background-color: rgb(251,  
164, 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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