

Converting Colors

$Y_{xy}(49.1667, 0.4231, 0.3526)$

Have a look what the booklet for
Yxy(49.1667, 0.4231, 0.3526)
contains.

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Color

Yxy(48.9941, 0.4235, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FFA28C
RGB	255, 162, 140
RGB Percent	100%, 64%, 55%
CMY	0.0000, 0.3647, 0.4508
CMYK	0.00, 0.36, 0.45, 0.00
HSL	11°, 100%, 77%
HSV	11°, 45%, 100%
XYZ	58.8958, 48.9941, 31.1793
YIQ	187.2990, 62.4900, 12.8740

Conversions

Conversions Part 2

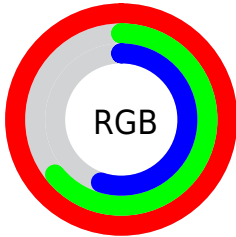
Format	Color
R _Y B	255, 167, 140
Decimal	16753292
CIE Lab	75.45, 32.10, 25.84
CIE LCh	75, 41.210, 38.837
Yxy	48.9941, 0.4235, 0.3523
Android (android.graphics.Color)	4294943372 (0xFFFFA28C)
YUV	187.2990, -23.3184, 59.3738
Hunter-Lab	69.9958, 27.7008, 22.5866

Details

The Yxy color **48.9941, 0.4235, 0.3523** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.0968, 0.2475, 0.3033**, and the grayscale version is **49.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2978, 0.3572, 0.3537**, and **23.2776, 0.4539, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **41.6479, 0.4613, 0.3565**, and if you desaturate by 10%, it is **57.7116, 0.3907, 0.3472**.

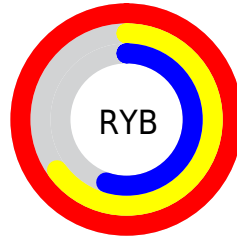
Distribution



Red (100%)

Green (64%)

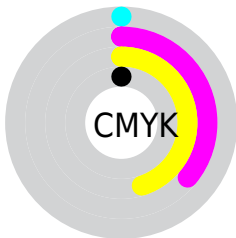
Blue (55%)



Red (100%)

Yellow (65%)

Blue (55%)

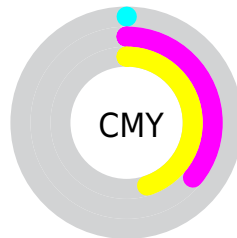


Cyan (0%)

Magenta (36%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9941, 0.4235, 0.3523 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 48.9941, 0.4235, 0.3523 by changing the saturation by 10% instead.

 48.9941, 0.4235,
0.3523


 48.9941, 0.4235,
0.3523

382.7191, 0.3681,
0.3433

 34.6148, 0.4371,
0.3537


 88.6827, 0.4035,
0.3497

 23.3663, 0.4543,
0.3550


 114.7608, 0.3960,
0.3485

 14.8642, 0.4767,
0.3558


 145.5072, 0.3896,
0.3474

 8.7241, 0.5068,
0.3554

181.3065, 0.3840,
0.3464

 4.5617, 0.5487,
0.3517

222.5429, 0.3793,
0.3455

 1.9925, 0.6363,
0.3539

269.6009, 0.3751,

 0.6031, 0.7089,

0.3447

0.2911

322.8648, 0.3714,
0.3440

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9941, 0.4235,
0.3523

48.9941, 0.4235,
0.3523

41.6479, 0.4613,
0.3565

57.7116, 0.3907,
0.3472

35.5953, 0.5028,
0.3590

67.8581, 0.3630,
0.3418

30.7620, 0.5449,
0.3588

79.4969, 0.3400,
0.3365

27.0631, 0.5829,
0.3551

92.6856, 0.3210,
0.3314

■ 24.4015, 0.6116,
0.3482

99.9996, 0.3127,
0.3290

■ 23.4327, 0.6220,
0.3443

Harmonies

Analogous

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



48.9941, 0.3941, 0.3087



48.9941, 0.4235, 0.3523



48.9941, 0.4193, 0.3948

Triad

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



48.9941, 0.4235, 0.3523



48.9941, 0.2786, 0.3988



48.9941, 0.2393, 0.2400

Complementary

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



48.9941, 0.4235, 0.3523



71.0968, 0.2475, 0.3033

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.



48.9941, 0.2148, 0.2537



48.9941, 0.4235, 0.3523



48.9941, 0.2354, 0.3436

Square

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



48.9941, 0.4235, 0.3523



48.9941, 0.3335, 0.4300



48.9941, 0.2133, 0.2896



48.9941, 0.2841, 0.2470

Rectangle

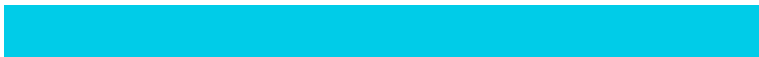
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.9941, 0.4235, 0.3523



48.9941, 0.3993, 0.4175



48.9941, 0.2133, 0.2896



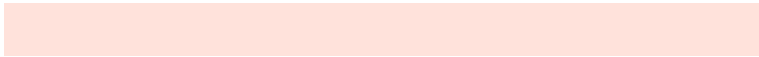
48.9941, 0.2287, 0.2422

Sweetspot

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



48.9965, 0.4235, 0.3523



80.8486, 0.3378, 0.3359



45.9641, 0.3363, 0.2362



16.7320, 0.3423, 0.3370



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.



48.9965, 0.4235, 0.3523



42.3793, 0.4570, 0.3561



73.6063, 0.3954, 0.4087



18.5485, 0.3290, 0.3336



12.4034, 0.6196, 0.3462



1.3489, 0.5994, 0.3623

Inverse Universe

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



71.0968, 0.2475, 0.3033



66.8912, 0.2372, 0.2973



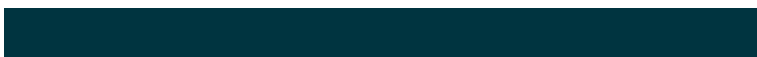
44.0243, 0.2350, 0.2326



19.8568, 0.2980, 0.3243



27.1193, 0.2074, 0.2664



2.7851, 0.2096, 0.2744

Previews

White Background



This preview shows how the Yxy color 48.9941, 0.4235, 0.3523 looks on a white background.

Color Contrast Check

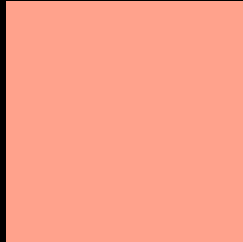
Large Text (above 18pt) WCAG AA × Fail

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 48.9941, 0.4235, 0.3523 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 48.9941, 0.4235, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 48.9941, 0.4235, 0.3523.



This preview shows how white text looks on a background with the Yxy color 48.9941, 0.4235, 0.3523.

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

48.9941, 0.4235, 0.3523

Protanopia

49.2225, 0.3505, 0.3736

Deuteranopia

49.2620, 0.3859, 0.3791



Tritanopia

48.9586, 0.3951, 0.3177

Trichromacy



Original Color

48.9941, 0.4235, 0.3523

Protanomaly

48.4563, 0.3761, 0.3652

Deuteranomaly

49.0458, 0.3998, 0.3691

Tritanomaly

48.9048, 0.4057, 0.3303

Monochromacy



Original Color

48.9941, 0.4235, 0.3523

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7401, 0.3499, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9941, 0.4235, 0.3523 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(255, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 140)  
}
```

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(255, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 140) }
```

Border

The CSS property to change the border of an element to Yxy 48.9941, 0.4235, 0.3523 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(255, 162, 140) }
```

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

```
.border{ border-color:rgb(255, 162, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9941, 0.4235, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 140) }
```

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

```
.background{ background-color: rgb(255,  
162, 140) }
```

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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