

# Converting Colors

$Y_{xy}(47.9055, 0.4224, 0.3529)$

Have a look what the booklet for  
Yxy(47.9055, 0.4224, 0.3529)  
contains.

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# Color

**Yxy(48.0493, 0.4223, 0.3526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA18B
RGB	252, 161, 139
RGB Percent	99%, 63%, 55%
CMY	0.0118, 0.3686, 0.4548
CMYK	0.00, 0.36, 0.45, 0.01
HSL	12°, 95%, 77%
HSV	12°, 45%, 99%
XYZ	57.5474, 48.0493, 30.6747
YIQ	185.7010, 61.2980, 12.4500

# Conversions

## Conversions Part 2

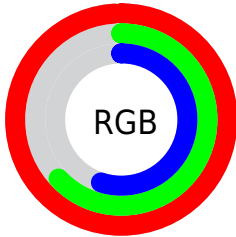
Format	Color
R <sub>Y</sub> B	252, 166, 139
Decimal	16556427
CIE Lab	74.86, 31.37, 25.54
CIE LCh	75, 40.452, 39.147
Yxy	48.0493, 0.4223, 0.3526
Android (android.graphics.Color)	4294746507 (0xFFFC A18B)
YUV	185.7010, -23.0236, 58.1442
Hunter-Lab	69.3176, 26.8848, 22.2851

# Details

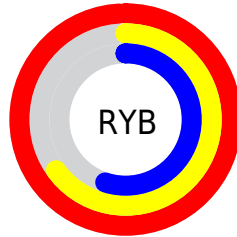
The Yxy color **48.0493, 0.4223, 0.3526** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1083, 0.2478, 0.3030**, and the grayscale version is **49.0347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2220, 0.3584, 0.3527**, and **22.6529, 0.4526, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **40.8709, 0.4598, 0.3569**, and if you desaturate by 10%, it is **56.5533, 0.3897, 0.3474**.

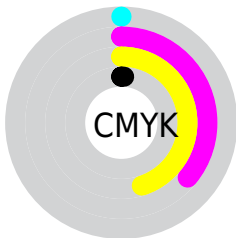
# Distribution



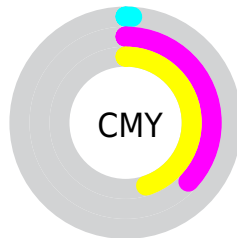
- Red (99%)
- Green (63%)
- Blue (55%)



- Red (99%)
- Yellow (65%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (1%)




- Cyan (1%)
- Magenta (37%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0493, 0.4223, 0.3526 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 48.0493, 0.4223, 0.3526 by changing the saturation by 10% instead.





 48.0493, 0.4223,  
0.3526


 48.0493, 0.4223,  
0.3526


378.9875, 0.3673,  
0.3433


 33.8659, 0.4358,  
0.3541


 87.2778, 0.4024,  
0.3499

 22.7906, 0.4530,  
0.3555


 113.0917, 0.3949,  
0.3486

 14.4390, 0.4755,  
0.3564


 143.5513, 0.3886,  
0.3475

 8.4266, 0.5057,  
0.3562

179.0409, 0.3831,  
0.3465

 4.3691, 0.5480,  
0.3526

219.9449, 0.3784,  
0.3456

 1.8821, 0.6415,  
0.3575

266.6478, 0.3742,

 0.5376, 0.7161,

0.3448

0.2839

319.5338, 0.3706,  
0.3440

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

48.0493, 0.4223,  
0.3526

48.0493, 0.4223,  
0.3526

40.8709, 0.4598,  
0.3569

56.5533, 0.3897,  
0.3474

34.9436, 0.5011,  
0.3596

66.4380, 0.3623,  
0.3419

30.1966, 0.5431,  
0.3595

77.7643, 0.3394,  
0.3365

26.5483, 0.5812,  
0.3559

90.5871, 0.3206,  
0.3313

■ 23.9066, 0.6103,  
0.3490

■ 99.4329, 0.3109,  
0.3290

■ 22.8943, 0.6213,  
0.3449

# Harmonies

## Analogous

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



48.0493, 0.3935, 0.3094



48.0493, 0.4223, 0.3526



48.0493, 0.4179, 0.3945

# Triad

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



48.0493, 0.4223, 0.3526



48.0493, 0.2786, 0.3974



48.0493, 0.2405, 0.2410

# Complementary

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



48.0493, 0.4223, 0.3526



69.1083, 0.2478, 0.3030

# 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.



48.0493, 0.2160, 0.2543



48.0493, 0.4223, 0.3526



48.0493, 0.2360, 0.3428

# Square

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



48.0493, 0.4223, 0.3526



48.0493, 0.3327, 0.4286



48.0493, 0.2143, 0.2896



48.0493, 0.2850, 0.2480



# Rectangle

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



48.0493, 0.4223, 0.3526



48.0493, 0.3980, 0.4168



48.0493, 0.2143, 0.2896



48.0493, 0.2299, 0.2430

# Sweetspot

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



48.0517, 0.4223, 0.3526



82.1799, 0.3357, 0.3355



44.9491, 0.3362, 0.2367



16.9986, 0.3402, 0.3367



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.



48.0517, 0.4223, 0.3526



42.5306, 0.4567, 0.3567



71.7788, 0.3948, 0.4082



17.7721, 0.3289, 0.3337



12.0873, 0.6188, 0.3468



1.2593, 0.5973, 0.3639



# Inverse Universe

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



69.1083, 0.2478, 0.3030



66.6154, 0.2371, 0.2967



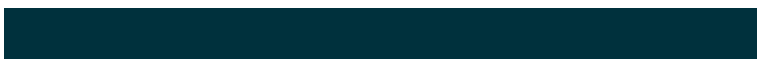
43.0975, 0.2355, 0.2333



19.0005, 0.2980, 0.3243



26.1058, 0.2070, 0.2653



2.5597, 0.2094, 0.2737



# Previews

## White Background



This preview shows how the Yxy color 48.0493, 0.4223, 0.3526 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

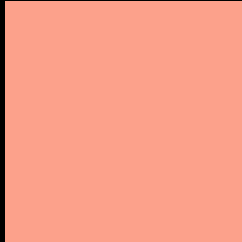
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 48.0493, 0.4223, 0.3526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

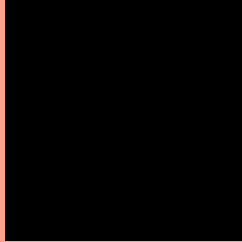
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 48.0493, 0.4223, 0.3526**

## Background



This preview shows how black text looks on a background with the Yxy color 48.0493, 0.4223, 0.3526.



This preview shows how white text looks on a background with the Yxy color 48.0493, 0.4223, 0.3526.

# 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

48.0493, 0.4223, 0.3526

### Protanopia

48.2188, 0.3509, 0.3726

### Deuteranopia

48.1273, 0.3858, 0.3784



## Tritanopia

48.0119, 0.3969, 0.3176

# Trichromacy



**Original Color**

48.0493, 0.4223, 0.3526

**Protanomaly**

47.7249, 0.3755, 0.3655

**Deuteranomaly**

47.7550, 0.3989, 0.3684

**Tritanomaly**

47.7707, 0.4068, 0.3303

# Monochromacy



**Original Color**

48.0493, 0.4223, 0.3526

**Achromatopsia**

49.1021, 0.3127, 0.3290

**Achromatomaly**

48.0105, 0.3491, 0.3389

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 48.0493, 0.4223, 0.3526 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(252, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(252, 161, 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(252, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 161, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 48.0493, 0.4223, 0.3526 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(252, 161, 139) }
```

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

```
.border{ border-color:rgb(252, 161, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 161, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 161, 139);  
box-shadow:4px 4px 4px 4px rgb(252, 161,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 48.0493, 0.4223, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 161, 139) }
```

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

```
.background{ background-color: rgb(252,  
161, 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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