

Converting Colors

$Y_{xy}(47.7389, 0.4201, 0.3490)$

Have a look what the booklet for
Yxy(47.7389, 0.4201, 0.3490)
contains.

Yxy(47.7901, 0.4199, 0.3484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7901, 0.4199, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FCA08E
RGB	252, 160, 142
RGB Percent	99%, 63%, 56%
CMY	0.0118, 0.3725, 0.4431
CMYK	0.00, 0.37, 0.44, 0.01
HSL	10°, 95%, 77%
HSV	10°, 44%, 99%
XYZ	57.5978, 47.7901, 31.7823
YIQ	185.4560, 60.6100, 13.9060

Conversions

Conversions Part 2

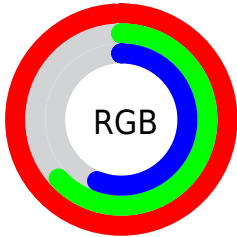
Format	Color
R _Y B	252, 164, 142
Decimal	16556174
CIE Lab	74.69, 32.20, 23.70
CIE LCh	75, 39.980, 36.349
Yxy	47.7901, 0.4199, 0.3484
Android (android.graphics.Color)	4294746254 (0xFFFC A08E)
YUV	185.4560, -21.4238, 58.3591
Hunter-Lab	69.1304, 27.7437, 21.1330

Details

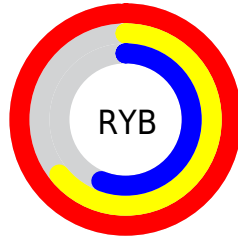
The Yxy color **47.7901, 0.4199, 0.3484** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6231, 0.2500, 0.3079**, and the grayscale version is **48.8812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8464, 0.3564, 0.3486**, and **22.4946, 0.4494, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **40.4204, 0.4579, 0.3521**, and if you desaturate by 10%, it is **56.5743, 0.3872, 0.3440**.

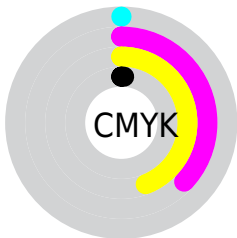
Distribution



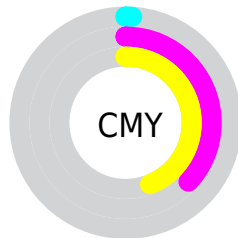
- Red (99%)
- Green (63%)
- Blue (56%)



- Red (99%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (1%)



- Cyan (1%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7901, 0.4199, 0.3484 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 47.7901, 0.4199, 0.3484 by changing the saturation by 10% instead.


 47.7901, 0.4199,
0.3484

 47.7901, 0.4199,
0.3484


377.9595, 0.3661,
0.3411


 33.6607, 0.4332,
0.3495


 86.8918, 0.4004,
0.3463

 22.6331, 0.4502,
0.3504


 112.6329, 0.3930,
0.3453

 14.3228, 0.4724,
0.3508


 143.0133, 0.3868,
0.3445

 8.3455, 0.5025,
0.3500

178.4175, 0.3815,
0.3436

 4.3168, 0.5449,
0.3458

219.2298, 0.3768,
0.3429

 1.8523, 0.6325,
0.3462

265.8347, 0.3728,

 0.5195, 0.7236,

0.3422

0.2764

318.6164, 0.3692,
0.3416

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7901, 0.4199,
0.3484

47.7901, 0.4199,
0.3484

40.4204, 0.4579,
0.3521

56.5743, 0.3872,
0.3440

34.3839, 0.5001,
0.3544

66.8345, 0.3598,
0.3393

29.6021, 0.5434,
0.3544

78.6372, 0.3372,
0.3348

25.9848, 0.5829,
0.3514

92.0426, 0.3186,
0.3305

■ 23.4297, 0.6130,
0.3454

99.4348, 0.3109,
0.3290

■ 22.2974, 0.6262,
0.3410

Harmonies

Analogous

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



47.7901, 0.3886, 0.3058



47.7901, 0.4199, 0.3484



47.7901, 0.4187, 0.3904

Triad

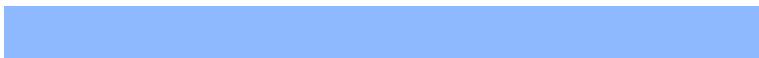
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.7901, 0.4199, 0.3484



47.7901, 0.2837, 0.4009



47.7901, 0.2380, 0.2421

Complementary

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



47.7901, 0.4199, 0.3484



71.6231, 0.2500, 0.3079

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.



47.7901, 0.2157, 0.2574



47.7901, 0.4199, 0.3484



47.7901, 0.2399, 0.3481

Square

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



47.7901, 0.4199, 0.3484



47.7901, 0.3377, 0.4286



47.7901, 0.2162, 0.2944



47.7901, 0.2804, 0.2473

Rectangle

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



47.7901, 0.4199, 0.3484



47.7901, 0.4006, 0.4134



47.7901, 0.2162, 0.2944



47.7901, 0.2282, 0.2448

Sweetspot

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



47.7925, 0.4199, 0.3484



81.6147, 0.3359, 0.3345



46.0701, 0.3321, 0.2358



16.8609, 0.3404, 0.3355



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.



47.7925, 0.4199, 0.3484



42.6522, 0.4515, 0.3516



70.4888, 0.3940, 0.4028



17.6839, 0.3290, 0.3330



11.7543, 0.6240, 0.3428



1.2159, 0.6037, 0.3589

Inverse Universe

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



71.6231, 0.2500, 0.3079



69.8342, 0.2403, 0.3032



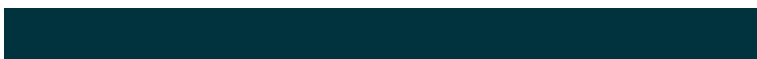
45.6258, 0.2385, 0.2410



19.0964, 0.2980, 0.3250



28.0528, 0.2100, 0.2759



2.7229, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 47.7901, 0.4199, 0.3484 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 47.7901, 0.4199, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

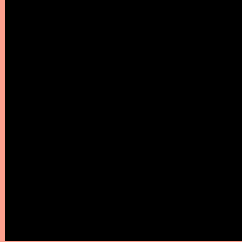
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7901, 0.4199, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 47.7901, 0.4199, 0.3484.



This preview shows how white text looks on a background with the Yxy color 47.7901, 0.4199, 0.3484.

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

47.7901, 0.4199, 0.3484

Protanopia

48.0502, 0.3466, 0.3690

Deuteranopia

48.0601, 0.3823, 0.3749



Tritanopia

47.6749, 0.3973, 0.3166

Trichromacy



Original Color

47.7901, 0.4199, 0.3484

Protanomaly

47.2769, 0.3722, 0.3608

Deuteranomaly

47.8423, 0.3962, 0.3650

Tritanomaly

47.4998, 0.4051, 0.3272

Monochromacy



Original Color

47.7901, 0.4199, 0.3484

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4706, 0.3484, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7901, 0.4199, 0.3484 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, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(252, 160, 142)  
}
```

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, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 160, 142) }
```

Border

The CSS property to change the border of an element to Yxy 47.7901, 0.4199, 0.3484 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, 160, 142) }
```

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

```
.border{ border-color:rgb(252, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 160, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 160, 142); box-shadow:4px 4px 4px 4px rgb(252, 160, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7901, 0.4199, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 160, 142) }
```

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

```
.background{ background-color: rgb(252,  
160, 142) }
```

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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