

Converting Colors

$Y_{xy}(52.4598, 0.4436, 0.3411)$

Have a look what the booklet for
Yxy(52.4598, 0.4436, 0.3411)
contains.

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Color

Yxy(47.3876, 0.4221, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D90
RGB	255, 157, 144
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3843, 0.4351
CMYK	0.00, 0.38, 0.44, 0.00
HSL	7°, 100%, 78%
HSV	7°, 44%, 100%
XYZ	58.3328, 47.3876, 32.4762
YIQ	184.8200, 62.5810, 16.7330

Conversions

Conversions Part 2

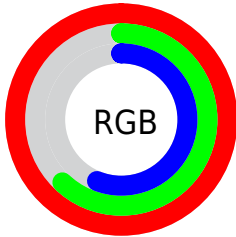
Format	Color
R _Y B	255, 159, 144
Decimal	16752016
CIE Lab	74.44, 35.09, 22.30
CIE LCh	74, 41.578, 32.431
Yxy	47.3876, 0.4221, 0.3429
Android (android.graphics.Color)	4294942096 (0xFFFF9D90)
YUV	184.8200, -20.1243, 61.5479
Hunter-Lab	68.8387, 30.7904, 20.2157

Details

The Yxy color **47.3876, 0.4221, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.6801, 0.2511, 0.3140**, and the grayscale version is **48.5015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4242, 0.3556, 0.3435**, and **22.3109, 0.4526, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **39.7645, 0.4617, 0.3455**, and if you desaturate by 10%, it is **56.5961, 0.3882, 0.3397**.

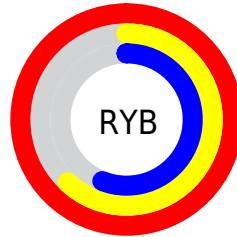
Distribution



Red (100%)

Green (62%)

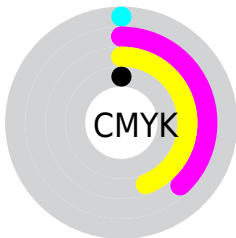
Blue (56%)



Red (100%)

Yellow (62%)

Blue (56%)

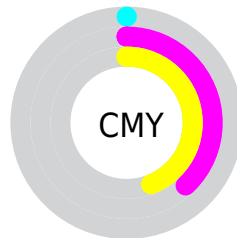


Cyan (0%)

Magenta (38%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3876, 0.4221, 0.3429 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 47.3876, 0.4221, 0.3429 by changing the saturation by 10% instead.

 47.3876, 0.4221,
0.3429


 47.3876, 0.4221,
0.3429


376.3596, 0.3670,
0.3383

 33.3422, 0.4358,
0.3433

 86.2919, 0.4021,
0.3418

 22.3887, 0.4532,
0.3434


 111.9196, 0.3946,
0.3412

 14.1428, 0.4760,
0.3428


142.1768, 0.3882,
0.3406

 8.2200, 0.5070,
0.3405

177.4479, 0.3828,
0.3401

 4.2361, 0.5510,
0.3344

218.1173, 0.3781,
0.3396

 1.8065, 0.6375,
0.3294

264.5695, 0.3739,

 0.4912, 0.7432,

0.3391

0.2568

317.1888, 0.3703,
0.3387

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3876, 0.4221,
0.3429

47.3876, 0.4221,
0.3429

39.7645, 0.4617,
0.3455

56.5961, 0.3882,
0.3397

33.6304, 0.5057,
0.3470

67.4650, 0.3601,
0.3364

28.8894, 0.5506,
0.3467

80.0734, 0.3371,
0.3331

25.4315, 0.5908,
0.3442

94.4929, 0.3184,
0.3300

■ 23.1295, 0.6202,
0.3395

99.9992, 0.3127,
0.3290

■ 22.1768, 0.6322,
0.3362

Harmonies

Analogous

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



47.3876, 0.3856, 0.2994



47.3876, 0.4221, 0.3429



47.3876, 0.4252, 0.3871

Triad

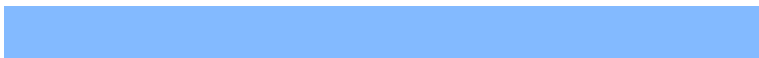
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.3876, 0.4221, 0.3429



47.3876, 0.2893, 0.4100



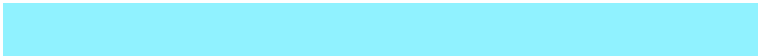
47.3876, 0.2308, 0.2395

Complementary

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



47.3876, 0.4221, 0.3429



76.6801, 0.2511, 0.3140

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.



47.3876, 0.2108, 0.2581



47.3876, 0.4221, 0.3429



47.3876, 0.2417, 0.3566

Square

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



47.3876, 0.4221, 0.3429



47.3876, 0.3458, 0.4342



47.3876, 0.2143, 0.2992



47.3876, 0.2723, 0.2424

Rectangle

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



47.3876, 0.4221, 0.3429



47.3876, 0.4088, 0.4124



47.3876, 0.2143, 0.2992



47.3876, 0.2216, 0.2432

Sweetspot

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



47.3900, 0.4221, 0.3429



80.7674, 0.3361, 0.3329



47.6339, 0.3287, 0.2328



16.6547, 0.3407, 0.3336



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.



47.3900, 0.4221, 0.3429



40.8195, 0.4554, 0.3452



70.5943, 0.3954, 0.3991



18.3286, 0.3292, 0.3318



11.6956, 0.6305, 0.3376



1.2433, 0.6142, 0.3505

Inverse Universe

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



76.6801, 0.2511, 0.3140



73.4208, 0.2418, 0.3107



48.5149, 0.2395, 0.2460



20.0978, 0.2980, 0.3261



32.1163, 0.2144, 0.2917



3.2253, 0.2157, 0.2963

Previews

White Background



This preview shows how the Yxy color 47.3876, 0.4221, 0.3429 looks on a white background.

Color Contrast Check

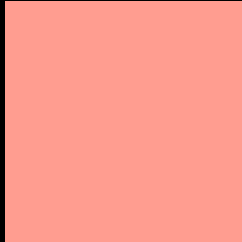
Large Text (above 18pt) WCAG AA × Fail

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 47.3876, 0.4221, 0.3429 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 47.3876, 0.4221, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 47.3876, 0.4221, 0.3429.



This preview shows how white text looks on a background with the Yxy color 47.3876, 0.4221, 0.3429.

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

47.3876, 0.4221, 0.3429

Protanopia

47.6388, 0.3426, 0.3626

Deuteranopia

47.5727, 0.3800, 0.3715



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.3876, 0.4221, 0.3429



Protanomaly

47.1380, 0.3708, 0.3558



Deuteranomaly

47.1519, 0.3952, 0.3604



Tritanomaly

47.5056, 0.4084, 0.3272

Monochromacy



Original Color

47.3876, 0.4221, 0.3429



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

47.2639, 0.3487, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3876, 0.4221, 0.3429 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, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 144)  
}
```

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, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 144) }
```

Border

The CSS property to change the border of an element to Yxy 47.3876, 0.4221, 0.3429 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, 157, 144) }
```

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

```
.border{ border-color:rgb(255, 157, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 144); box-shadow:4px 4px 4px 4px rgb(255, 157, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3876, 0.4221, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 144) }
```

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

```
.background{ background-color: rgb(255,  
157, 144) }
```

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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