

Converting Colors

Yxy(68.0386, 0.5137, 0.3390)

Have a look what the booklet for
Yxy(68.0386, 0.5137, 0.3390)
contains.

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Color

Yxy(43.4837, 0.4403, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FF9284
RGB	255, 146, 132
RGB Percent	100%, 57%, 52%
CMY	0.0002, 0.4273, 0.4824
CMYK	0.00, 0.43, 0.48, 0.00
HSL	7°, 100%, 76%
HSV	7°, 48%, 100%
XYZ	55.6728, 43.4837, 27.2864
YIQ	176.9950, 69.4580, 18.7540

Conversions

Conversions Part 2

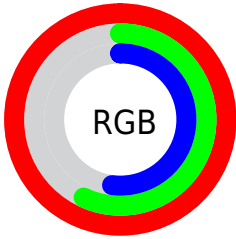
Format	Color
R_{YB}	255, 148, 132
Decimal	16749188
CIE _{Lab}	71.88, 39.55, 25.43
CIE _{LCh}	72, 47.016, 32.740
Yxy	43.4837, 0.4403, 0.3439
Android (android.graphics.Color)	4294939268 (0xFFFF9284)
YUV	176.9950, -22.1825, 68.4104
Hunter-Lab	65.9422, 35.3028, 21.6258

Details

The Yxy color **43.4837, 0.4403, 0.3439** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.9881, 0.2459, 0.3126**, and the grayscale version is **44.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5361, 0.3684, 0.3458**, and **20.0400, 0.4788, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **36.5804, 0.4823, 0.3460**, and if you desaturate by 10%, it is **51.9375, 0.4036, 0.3410**.

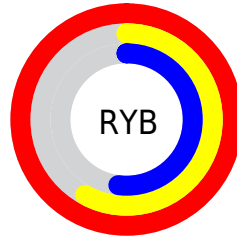
Distribution



Red (100%)

Green (57%)

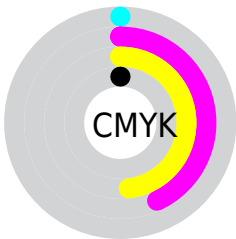
Blue (52%)



Red (100%)

Yellow (58%)

Blue (52%)

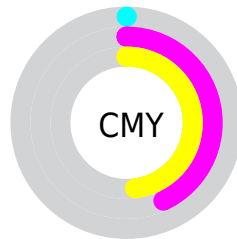


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4837, 0.4403, 0.3439 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 43.4837, 0.4403, 0.3439 by changing the saturation by 10% instead.

 43.4837, 0.4403,
0.3439


 43.4837, 0.4403,
0.3439


360.5972, 0.3753,
0.3395


 30.2648, 0.4566,
0.3439


 80.4403, 0.4166,
0.3431

 20.0397, 0.4774,
0.3434


 104.9468, 0.4077,
0.3426

 12.4239, 0.5047,
0.3415


 133.9846, 0.4002,
0.3420

 7.0331, 0.5417,
0.3368

167.9381, 0.3937,
0.3415

 3.4828, 0.5937,
0.3259

207.1917, 0.3882,
0.3409

 1.3887, 0.6905,
0.3095

252.1298, 0.3833,

 0.2084, 0.8527,

0.3404

0.1473

303.1369, 0.3791,
0.3400

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4837, 0.4403,
0.3439

43.4837, 0.4403,
0.3439

36.5804, 0.4823,
0.3460

51.9375, 0.4036,
0.3410

31.1270, 0.5274,
0.3467

62.0211, 0.3728,
0.3378

27.0212, 0.5710,
0.3454

73.8166, 0.3474,
0.3345

24.1447, 0.6068,
0.3418

87.3985, 0.3268,
0.3314

■ 22.3559, 0.6295,
0.3367

99.9926, 0.3127,
0.3290

■ 22.1365, 0.6325,
0.3360

Harmonies

Analogous

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



43.4837, 0.3980, 0.2949



43.4837, 0.4403, 0.3439



43.4837, 0.4425, 0.3944

Triad

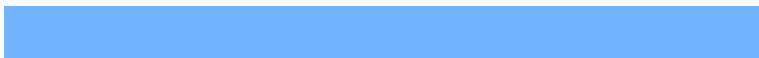
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4837, 0.4403, 0.3439



43.4837, 0.2840, 0.4243



43.4837, 0.2191, 0.2265

Complementary

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



43.4837, 0.4403, 0.3439



74.9881, 0.2459, 0.3126

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.



43.4837, 0.1965, 0.2464



43.4837, 0.4403, 0.3439



43.4837, 0.2301, 0.3601

Square

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



43.4837, 0.4403, 0.3439



43.4837, 0.3490, 0.4523



43.4837, 0.1998, 0.2927



43.4837, 0.2662, 0.2305

Rectangle

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



43.4837, 0.4403, 0.3439



43.4837, 0.4225, 0.4243



43.4837, 0.1998, 0.2927



43.4837, 0.2088, 0.2303

Sweetspot

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



43.4859, 0.4403, 0.3439



79.3664, 0.3382, 0.3332



44.2045, 0.3290, 0.2217



16.3758, 0.3428, 0.3338



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.



43.4859, 0.4403, 0.3439



36.7347, 0.4813, 0.3460



66.9525, 0.4072, 0.4044



18.3208, 0.3292, 0.3318



11.6762, 0.6308, 0.3373



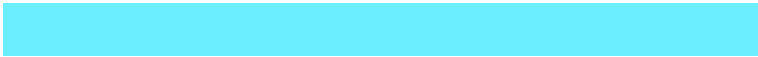
1.2396, 0.6148, 0.3500

Inverse Universe

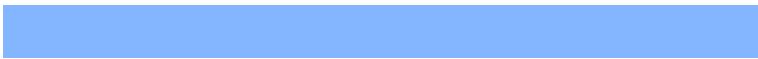
The Inverse Universe completely reimagines the original color for something new.



74.9881, 0.2459, 0.3126



71.5691, 0.2361, 0.3087



45.2441, 0.2318, 0.2377



20.1064, 0.2980, 0.3262



32.3044, 0.2146, 0.2926



3.2417, 0.2159, 0.2971

Previews

White Background



This preview shows how the Yxy color 43.4837, 0.4403, 0.3439 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 43.4837, 0.4403, 0.3439 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 43.4837, 0.4403, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 43.4837, 0.4403, 0.3439.



This preview shows how white text looks on a background with the Yxy color 43.4837, 0.4403, 0.3439.

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

43.4837, 0.4403, 0.3439

Protanopia

43.6908, 0.3482, 0.3692

Deuteranopia

43.4898, 0.3881, 0.3803



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.4837, 0.4403, 0.3439

Protanomaly

42.8304, 0.3806, 0.3590

Deuteranomaly

43.2435, 0.4077, 0.3668

Tritanomaly

43.5861, 0.4260, 0.3283

Monochromacy



Original Color

43.4837, 0.4403, 0.3439

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8248, 0.3544, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4837, 0.4403, 0.3439 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, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 132)  
}
```

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, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 132) }
```

Border

The CSS property to change the border of an element to Yxy 43.4837, 0.4403, 0.3439 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, 146, 132) }
```

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

```
.border{ border-color:rgb(255, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4837, 0.4403, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 132) }
```

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

```
.background{ background-color: rgb(255,  
146, 132) }
```

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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