

Converting Colors

Yxy(52.0858, 0.4155, 0.3327)

Have a look what the booklet for
Yxy(52.0858, 0.4155, 0.3327)
contains.

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Color

Yxy(49.6039, 0.4049, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFA29F
RGB	255, 162, 159
RGB Percent	100%, 64%, 62%
CMY	0.0000, 0.3647, 0.3764
CMYK	0.00, 0.36, 0.38, 0.00
HSL	2°, 100%, 81%
HSV	2°, 38%, 100%
XYZ	60.4230, 49.6039, 39.2026
YIQ	189.4650, 56.3910, 18.7830

Conversions

Conversions Part 2

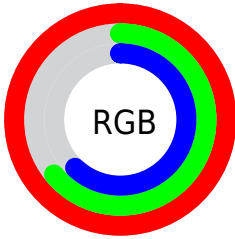
Format	Color
R _Y B	255, 162, 159
Decimal	16753311
CIE Lab	75.83, 34.12, 16.04
CIE LCh	76, 37.705, 25.174
Yxy	49.6039, 0.4049, 0.3324
Android (android.graphics.Color)	4294943391 (0xFFFFA29F)
YUV	189.4650, -15.0192, 57.4742
Hunter-Lab	70.4300, 29.8854, 16.2992

Details

The Yxy color **49.6039, 0.4049, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2325, 0.2596, 0.3256**, and the grayscale version is **51.2330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2578, 0.3427, 0.3331**, and **23.7558, 0.4307, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **40.9414, 0.4436, 0.3333**, and if you desaturate by 10%, it is **60.1602, 0.3728, 0.3315**.

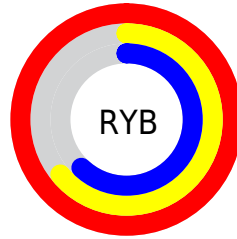
Distribution



Red (100%)

Green (64%)

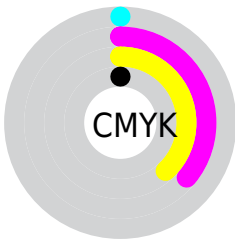
Blue (62%)



Red (100%)

Yellow (64%)

Blue (62%)

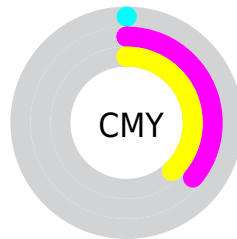


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6039, 0.4049, 0.3324 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 49.6039, 0.4049, 0.3324 by changing the saturation by 10% instead.

 49.6039, 0.4049,
0.3324

 49.6039, 0.4049,
0.3324


385.1149, 0.3588,
0.3322

 35.0988, 0.4163,
0.3320


 89.5877, 0.3882,
0.3327

 23.7390, 0.4308,
0.3312


 115.8352, 0.3819,
0.3327

 15.1401, 0.4500,
0.3298


146.7656, 0.3766,
0.3326

 8.9178, 0.4762,
0.3271

182.7633, 0.3720,
0.3326

 4.6876, 0.5140,
0.3215

224.2127, 0.3681,
0.3325

 2.0651, 0.5727,
0.3094

271.4981, 0.3646,

 0.6449, 0.7130,

0.3324

0.2870

325.0041, 0.3615,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6039, 0.4049,
0.3324

49.6039, 0.4049,
0.3324

40.9414, 0.4436,
0.3333

60.1602, 0.3728,
0.3315

34.0595, 0.4883,
0.3339

72.7118, 0.3467,
0.3305

28.8349, 0.5360,
0.3341

87.3546, 0.3258,
0.3296

25.1281, 0.5811,
0.3337

100.0000, 0.3127,
0.3290

■ 22.7767, 0.6162,
0.3326

■ 21.5802, 0.6357,
0.3312

■ 21.4314, 0.6386,
0.3312

Harmonies

Analogous

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



49.6039, 0.3666, 0.2938



49.6039, 0.4049, 0.3324



49.6039, 0.4156, 0.3730

Triad

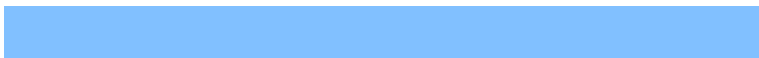
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6039, 0.4049, 0.3324



49.6039, 0.3043, 0.4087



49.6039, 0.2325, 0.2506

Complementary

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



49.6039, 0.4049, 0.3324



84.2325, 0.2596, 0.3256

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.



49.6039, 0.2193, 0.2729



49.6039, 0.4049, 0.3324



49.6039, 0.2582, 0.3664

Square

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



49.6039, 0.4049, 0.3324



49.6039, 0.3550, 0.4228



49.6039, 0.2281, 0.3145



49.6039, 0.2659, 0.2484

Rectangle

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



49.6039, 0.4049, 0.3324



49.6039, 0.4057, 0.3971



49.6039, 0.2281, 0.3145



49.6039, 0.2257, 0.2558

Sweetspot

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



49.6043, 0.4049, 0.3324



82.1903, 0.3323, 0.3299



53.1831, 0.3184, 0.2370



17.1613, 0.3351, 0.3300



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.



49.6043, 0.4049, 0.3324



43.0477, 0.4328, 0.3331



69.1755, 0.3861, 0.3804



18.0771, 0.3294, 0.3298



11.2373, 0.6379, 0.3317



1.1245, 0.6328, 0.3357

Inverse Universe

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



84.2325, 0.2596, 0.3256



82.0913, 0.2514, 0.3248



58.4547, 0.2516, 0.2709



20.3792, 0.2980, 0.3282



38.6082, 0.2220, 0.3193



3.7883, 0.2223, 0.3204

Previews

White Background



This preview shows how the Yxy color 49.6039, 0.4049, 0.3324 looks on a white background.

Color Contrast Check

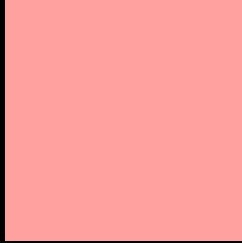
Large Text (above 18pt) WCAG AA × Fail

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 49.6039, 0.4049, 0.3324 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 49.6039, 0.4049, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 49.6039, 0.4049, 0.3324.



This preview shows how white text looks on a background with the Yxy color 49.6039, 0.4049, 0.3324.

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

49.6039, 0.4049, 0.3324

Protanopia

49.9885, 0.3305, 0.3480

Deuteranopia

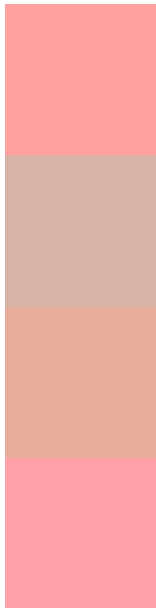
49.6417, 0.3652, 0.3580



Tritanopia

49.7283, 0.3924, 0.3177

Trichromacy



Original Color

49.6039, 0.4049, 0.3324

Protanomaly

49.2297, 0.3561, 0.3423

Deuteranomaly

49.1445, 0.3796, 0.3476

Tritanomaly

49.5398, 0.3974, 0.3229

Monochromacy



Original Color

49.6039, 0.4049, 0.3324

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6007, 0.3436, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6039, 0.4049, 0.3324 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 159) }
```

Border

The CSS property to change the border of an element to Yxy 49.6039, 0.4049, 0.3324 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, 159) }
```

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

```
.border{ border-color:rgb(255, 162, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6039, 0.4049, 0.3324 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
162, 159) }
```

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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