

Converting Colors

$Y_{xy}(48.6198, 0.4066, 0.3301)$

Have a look what the booklet for
Yxy(48.6198, 0.4066, 0.3301)
contains.

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Color

Yxy(48.5249, 0.4072, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9E
RGB	255, 159, 158
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3765, 0.3804
CMYK	0.00, 0.38, 0.38, 0.00
HSL	1°, 100%, 81%
HSV	1°, 38%, 100%
XYZ	59.8224, 48.5249, 38.5643
YIQ	187.5900, 57.5370, 20.0410

Conversions

Conversions Part 2

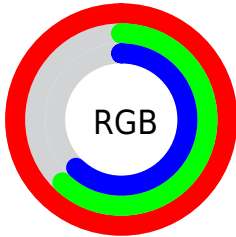
Format	Color
R _Y B	255, 159, 158
Decimal	16752542
CIE Lab	75.15, 35.59, 15.66
CIE LCh	75, 38.878, 23.750
Yxy	48.5249, 0.4072, 0.3303
Android (android.graphics.Color)	4294942622 (0xFFFF9F9E)
YUV	187.5900, -14.5879, 59.1186
Hunter-Lab	69.6598, 31.3874, 15.9384

Details

The Yxy color **48.5249, 0.4072, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3907, 0.2595, 0.3278**, and the grayscale version is **50.0977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6650, 0.3439, 0.3311**, and **23.1054, 0.4340, 0.3280** is the 20% darker color. If you saturate the color by 10%, you get **39.9176, 0.4467, 0.3307**, and if you desaturate by 10%, it is **59.0749, 0.3744, 0.3299**.

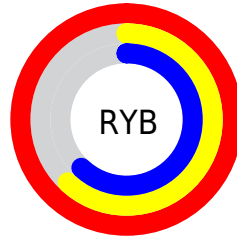
Distribution



Red (100%)

Green (62%)

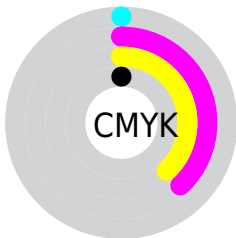
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

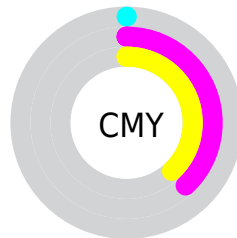


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5249, 0.4072, 0.3303 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 48.5249, 0.4072, 0.3303 by changing the saturation by 10% instead.


 48.5249, 0.4072,
0.3303


 48.5249, 0.4072,
0.3303


380.8689, 0.3598,
0.3312

 34.2428, 0.4190,
0.3296


 87.9854, 0.3900,
0.3310

 23.0801, 0.4340,
0.3285


 113.9326, 0.3835,
0.3311

 14.6527, 0.4539,
0.3266


144.5369, 0.3780,
0.3312

 8.5760, 0.4811,
0.3231

180.1827, 0.3734,
0.3312

 4.4657, 0.5205,
0.3164

221.2544, 0.3693,
0.3312

 1.9373, 0.5827,
0.3029

268.1364, 0.3657,

 0.5707, 0.7308,

0.3312

0.2692

321.2131, 0.3626,
0.3312

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5249, 0.4072,
0.3303

48.5249, 0.4072,
0.3303

39.9176, 0.4467,
0.3307

59.0749, 0.3744,
0.3299

33.1512, 0.4922,
0.3309

71.6957, 0.3478,
0.3296

28.0864, 0.5406,
0.3311

86.4828, 0.3266,
0.3292

24.5722, 0.5855,
0.3310

100.0000, 0.3127,
0.3290

■ 22.4308, 0.6195,
0.3307

■ 21.4341, 0.6373,
0.3303

■ 21.3155, 0.6396,
0.3304

Harmonies

Analogous

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



48.5249, 0.3663, 0.2908



48.5249, 0.4072, 0.3303



48.5249, 0.4197, 0.3723

Triad

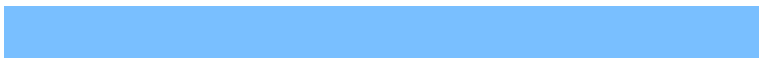
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5249, 0.4072, 0.3303



48.5249, 0.3063, 0.4135



48.5249, 0.2285, 0.2484

Complementary

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



48.5249, 0.4072, 0.3303



85.3907, 0.2595, 0.3278

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.



48.5249, 0.2160, 0.2723



48.5249, 0.4072, 0.3303



48.5249, 0.2580, 0.3704

Square

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



48.5249, 0.4072, 0.3303



48.5249, 0.3587, 0.4264



48.5249, 0.2260, 0.3162



48.5249, 0.2621, 0.2453

Rectangle

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



48.5249, 0.4072, 0.3303



48.5249, 0.4103, 0.3977



48.5249, 0.2260, 0.3162



48.5249, 0.2219, 0.2540

Sweetspot

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



48.5188, 0.4072, 0.3303



81.8681, 0.3324, 0.3293



52.9366, 0.3171, 0.2347



17.0854, 0.3352, 0.3294



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.



48.5188, 0.4072, 0.3303



41.5159, 0.4381, 0.3306



68.1147, 0.3877, 0.3794



18.0162, 0.3294, 0.3293



11.1505, 0.6394, 0.3305



1.0955, 0.6377, 0.3319

Inverse Universe

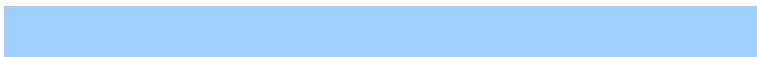
The Inverse Universe completely reimagines the original color for something new.



85.3907, 0.2595, 0.3278



83.3692, 0.2509, 0.3275



58.8758, 0.2512, 0.2722



20.4483, 0.2980, 0.3287



40.3105, 0.2238, 0.3257



3.9346, 0.2239, 0.3261

Previews

White Background



This preview shows how the Yxy color 48.5249, 0.4072, 0.3303 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 48.5249, 0.4072, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

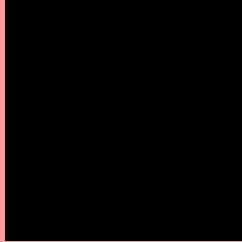
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5249, 0.4072, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 48.5249, 0.4072, 0.3303.



This preview shows how white text looks on a background with the Yxy color 48.5249, 0.4072, 0.3303.

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

48.5249, 0.4072, 0.3303

Protanopia

48.8447, 0.3298, 0.3469

Deuteranopia

48.5035, 0.3649, 0.3571



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.5249, 0.4072, 0.3303

Protanomaly

48.2509, 0.3566, 0.3412

Deuteranomaly

48.1841, 0.3803, 0.3466

Tritanomaly

48.4303, 0.4005, 0.3219

Monochromacy



Original Color

48.5249, 0.4072, 0.3303

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.6157, 0.3439, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5249, 0.4072, 0.3303 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, 159, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 158)  
}
```

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, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 158) }
```

Border

The CSS property to change the border of an element to Yxy 48.5249, 0.4072, 0.3303 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, 159, 158) }
```

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

```
.border{ border-color:rgb(255, 159, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5249, 0.4072, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 158) }
```

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

```
.background{ background-color: rgb(255,  
159, 158) }
```

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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