

Converting Colors

$Y_{xy}(72.5233, 0.4931, 0.3380)$

Have a look what the booklet for
Yxy(72.5233, 0.4931, 0.3380)
contains.

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Color

Yxy(48.5397, 0.4167, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	FFA094
RGB	255, 160, 148
RGB Percent	100%, 63%, 58%
CMY	0.0000, 0.3725, 0.4196
CMYK	0.00, 0.37, 0.42, 0.00
HSL	7°, 100%, 79%
HSV	7°, 42%, 100%
XYZ	59.1591, 48.5397, 34.2717
YIQ	187.0370, 60.4720, 16.4080

Conversions

Conversions Part 2

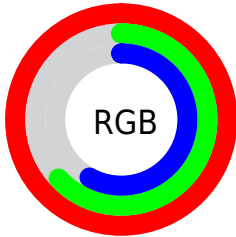
Format	Color
R _Y B	255, 162, 148
Decimal	16752788
CIE Lab	75.16, 33.96, 21.13
CIE LCh	75, 39.995, 31.896
Yxy	48.5397, 0.4167, 0.3419
Android (android.graphics.Color)	4294942868 (0xFFFFA094)
YUV	187.0370, -19.2452, 59.6036
Hunter-Lab	69.6704, 29.6460, 19.6039

Details

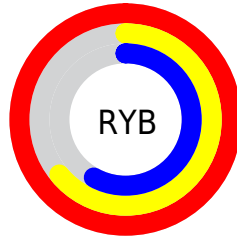
The Yxy color **48.5397, 0.4167, 0.3419** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.6233, 0.2531, 0.3152**, and the grayscale version is **49.8012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6360, 0.3518, 0.3434**, and **22.9806, 0.4461, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **40.6714, 0.4556, 0.3445**, and if you desaturate by 10%, it is **58.0169, 0.3836, 0.3388**.

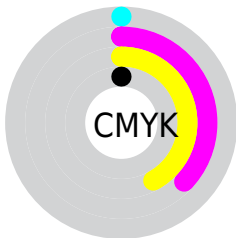
Distribution



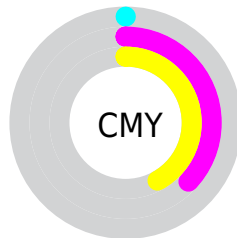
- Red (100%)
- Green (63%)
- Blue (58%)



- Red (100%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5397, 0.4167, 0.3419 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 48.5397, 0.4167, 0.3419 by changing the saturation by 10% instead.


 48.5397, 0.4167,
0.3419

 48.5397, 0.4167,
0.3419


380.9274, 0.3645,
0.3376

 34.2545, 0.4296,
0.3423


 88.0074, 0.3978,
0.3408

 23.0892, 0.4460,
0.3425


 113.9587, 0.3907,
0.3403

 14.6594, 0.4676,
0.3420


144.5675, 0.3847,
0.3397

 8.5807, 0.4969,
0.3402

180.2181, 0.3795,
0.3392

 4.4687, 0.5386,
0.3351

221.2951, 0.3750,
0.3388

 1.9390, 0.6128,
0.3279

268.1826, 0.3711,

 0.5717, 0.7229,

0.3383

0.2771

321.2653, 0.3676,
0.3379

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5397, 0.4167,
0.3419

■ 48.5397, 0.4167,
0.3419

■ 40.6714, 0.4556,
0.3445

■ 58.0169, 0.3836,
0.3388

■ 34.3203, 0.4992,
0.3462

■ 69.1832, 0.3563,
0.3356

■ 29.3888, 0.5445,
0.3462

■ 82.1163, 0.3340,
0.3325

■ 25.7670, 0.5859,
0.3440

■ 96.8883, 0.3158,
0.3295

■ 23.3287, 0.6172,
0.3398

100.0000, 0.3127,
0.3290

■ 22.1183, 0.6327,
0.3358

Harmonies

Analogous

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



48.5397, 0.3814, 0.3001



48.5397, 0.4167, 0.3419



48.5397, 0.4204, 0.3844

Triad

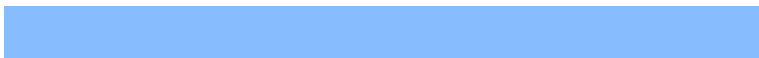
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5397, 0.4167, 0.3419



48.5397, 0.2915, 0.4067



48.5397, 0.2337, 0.2434

Complementary

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



48.5397, 0.4167, 0.3419



77.6233, 0.2531, 0.3152

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.



48.5397, 0.2148, 0.2618



48.5397, 0.4167, 0.3419



48.5397, 0.2456, 0.3564

Square

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



48.5397, 0.4167, 0.3419



48.5397, 0.3456, 0.4292



48.5397, 0.2187, 0.3017



48.5397, 0.2733, 0.2457

Rectangle

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



48.5397, 0.4167, 0.3419



48.5397, 0.4052, 0.4085



48.5397, 0.2187, 0.3017



48.5397, 0.2249, 0.2471

Sweetspot

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



48.5404, 0.4167, 0.3419



80.6825, 0.3361, 0.3328



48.9929, 0.3265, 0.2345



16.6341, 0.3407, 0.3335



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.



48.5404, 0.4167, 0.3419



42.0889, 0.4475, 0.3441



70.5875, 0.3927, 0.3950



18.3147, 0.3292, 0.3317



11.6613, 0.6310, 0.3372



1.2367, 0.6152, 0.3497

Inverse Universe

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



77.6233, 0.2531, 0.3152



74.5097, 0.2440, 0.3122



50.6939, 0.2426, 0.2518



20.1132, 0.2980, 0.3263



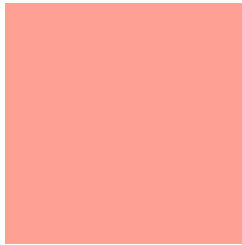
32.4528, 0.2148, 0.2932



3.2547, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 48.5397, 0.4167, 0.3419 looks on a white background.

Color Contrast Check

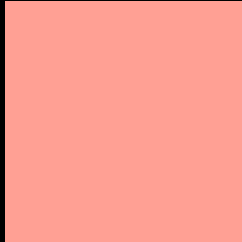
Large Text (above 18pt) WCAG AA × Fail

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 48.5397, 0.4167, 0.3419 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 48.5397, 0.4167, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 48.5397, 0.4167, 0.3419.



This preview shows how white text looks on a background with the Yxy color 48.5397, 0.4167, 0.3419.

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

48.5397, 0.4167, 0.3419

Protanopia

48.8381, 0.3415, 0.3610

Deuteranopia

48.6368, 0.3766, 0.3689



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.5397, 0.4167, 0.3419

Protanomaly

48.2027, 0.3674, 0.3532

Deuteranomaly

48.1901, 0.3915, 0.3580

Tritanomaly

48.6295, 0.4041, 0.3272

Monochromacy



Original Color

48.5397, 0.4167, 0.3419

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4585, 0.3474, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5397, 0.4167, 0.3419 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, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 148)  
}
```

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, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 148) }
```

Border

The CSS property to change the border of an element to Yxy 48.5397, 0.4167, 0.3419 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, 160, 148) }
```

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

```
.border{ border-color:rgb(255, 160, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5397, 0.4167, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 148) }
```

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

```
.background{ background-color: rgb(255,  
160, 148) }
```

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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