

Converting Colors

$Y_{xy}(47.5547, 0.4174, 0.3419)$

Have a look what the booklet for
Yxy(47.5547, 0.4174, 0.3419)
contains.

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Color

Yxy(47.4117, 0.4178, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FD9E92
RGB	253, 158, 146
RGB Percent	99%, 62%, 57%
CMY	0.0079, 0.3803, 0.4274
CMYK	0.00, 0.38, 0.42, 0.01
HSL	7°, 96%, 78%
HSV	7°, 42%, 99%
XYZ	57.9199, 47.4117, 33.2991
YIQ	185.0370, 60.4720, 16.4080

Conversions

Conversions Part 2

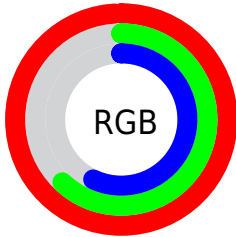
Format	Color
R _Y B	253, 160, 146
Decimal	16621202
CIE Lab	74.45, 34.02, 21.20
CIE LCh	74, 40.089, 31.934
Yxy	47.4117, 0.4178, 0.3420
Android (android.graphics.Color)	4294811282 (0xFFFD9E92)
YUV	185.0370, -19.2452, 59.6036
Hunter-Lab	68.8562, 29.6510, 19.5264

Details

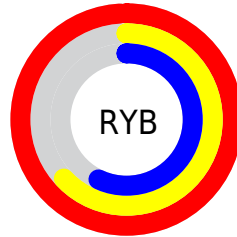
The Yxy color **47.4117, 0.4178, 0.3420** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.1061, 0.2527, 0.3151**, and the grayscale version is **48.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0186, 0.3539, 0.3424**, and **22.2668, 0.4481, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **39.7360, 0.4569, 0.3446**, and if you desaturate by 10%, it is **56.6667, 0.3846, 0.3389**.

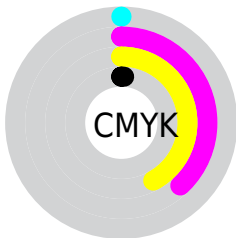
Distribution



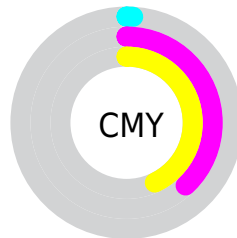
- Red (99%)
- Green (62%)
- Blue (57%)



- Red (99%)
- Yellow (63%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4117, 0.4178, 0.3420 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 47.4117, 0.4178, 0.3420 by changing the saturation by 10% instead.


 47.4117, 0.4178,
0.3420

 47.4117, 0.4178,
0.3420


376.4555, 0.3649,
0.3376

 33.3612, 0.4309,
0.3424


 86.3278, 0.3986,
0.3409

 22.4033, 0.4477,
0.3425


 111.9623, 0.3914,
0.3404

 14.1536, 0.4698,
0.3420


142.2269, 0.3852,
0.3398

 8.2275, 0.4998,
0.3400

177.5060, 0.3800,
0.3393

 4.2409, 0.5427,
0.3345

218.1840, 0.3755,
0.3389

 1.8092, 0.6240,
0.3288

264.6453, 0.3715,

 0.4929, 0.7378,

0.3384

0.2622

317.2744, 0.3680,
0.3380

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4117, 0.4178,
0.3420

47.4117, 0.4178,
0.3420

39.7360, 0.4569,
0.3446

56.6667, 0.3846,
0.3389

33.5444, 0.5006,
0.3462

67.5749, 0.3571,
0.3357

28.7427, 0.5458,
0.3461

80.2142, 0.3346,
0.3326

25.2226, 0.5870,
0.3439

94.6556, 0.3164,
0.3296

■ 22.8599, 0.6179,
0.3396

99.6197, 0.3115,
0.3290

■ 21.7281, 0.6326,
0.3359

Harmonies

Analogous

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



47.4117, 0.3822, 0.2998



47.4117, 0.4178, 0.3420



47.4117, 0.4215, 0.3848

Triad

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



47.4117, 0.4178, 0.3420



47.4117, 0.2911, 0.4075



47.4117, 0.2330, 0.2426

Complementary

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



47.4117, 0.4178, 0.3420



76.1061, 0.2527, 0.3151

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.



47.4117, 0.2139, 0.2611



47.4117, 0.4178, 0.3420



47.4117, 0.2448, 0.3566

Square

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



47.4117, 0.4178, 0.3420



47.4117, 0.3458, 0.4303



47.4117, 0.2178, 0.3013



47.4117, 0.2729, 0.2450

Rectangle

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



47.4117, 0.4178, 0.3420



47.4117, 0.4061, 0.4093



47.4117, 0.2178, 0.3013



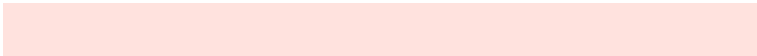
47.4117, 0.2241, 0.2463

Sweetspot

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



47.4141, 0.4178, 0.3420



80.6840, 0.3361, 0.3328



47.8707, 0.3266, 0.2339



16.6344, 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.



47.4141, 0.4178, 0.3420



41.3603, 0.4516, 0.3443



69.1461, 0.3934, 0.3954



18.3149, 0.3292, 0.3317



11.6618, 0.6310, 0.3372



1.2368, 0.6152, 0.3497

Inverse Universe

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



76.1061, 0.2527, 0.3151



74.1402, 0.2430, 0.3118



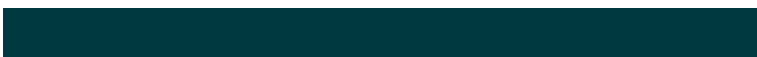
49.5142, 0.2421, 0.2511



20.1129, 0.2980, 0.3263



32.4469, 0.2148, 0.2932



3.2542, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 47.4117, 0.4178, 0.3420 looks on a white background.

Color Contrast Check

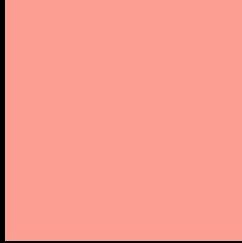
Large Text (above 18pt) WCAG AA × Fail

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 47.4117, 0.4178, 0.3420 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 47.4117, 0.4178, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 47.4117, 0.4178, 0.3420.



This preview shows how white text looks on a background with the Yxy color 47.4117, 0.4178, 0.3420.

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

47.4117, 0.4178, 0.3420

Protanopia

47.6731, 0.3418, 0.3613

Deuteranopia

47.4809, 0.3772, 0.3693



Tritanopia

47.4927, 0.3996, 0.3166

Trichromacy



Original Color

47.4117, 0.4178, 0.3420

Protanomaly

47.0523, 0.3680, 0.3535

Deuteranomaly

47.0476, 0.3924, 0.3582

Tritanomaly

47.3510, 0.4065, 0.3261

Monochromacy



Original Color

47.4117, 0.4178, 0.3420

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3019, 0.3478, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4117, 0.4178, 0.3420 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(253, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 146)  
}
```

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(253, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.4117, 0.4178, 0.3420 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(253, 158, 146) }
```

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

```
.border{ border-color:rgb(253, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4117, 0.4178, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 158, 146) }
```

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

```
.background{ background-color: rgb(253,  
158, 146) }
```

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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