

Converting Colors

$Y_{xy}(48.5286, 0.4269, 0.3392)$

Have a look what the booklet for
Yxy(48.5286, 0.4269, 0.3392)
contains.

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Color

Yxy(47.1123, 0.4206, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C92
RGB	255, 156, 146
RGB Percent	100%, 61%, 57%
CMY	0.0000, 0.3882, 0.4274
CMYK	0.00, 0.39, 0.43, 0.00
HSL	6°, 100%, 79%
HSV	6°, 43%, 100%
XYZ	58.3150, 47.1123, 33.2199
YIQ	184.4610, 62.2140, 17.8780

Conversions

Conversions Part 2

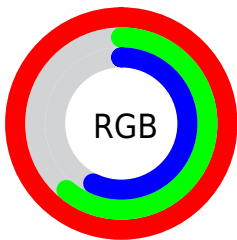
Format	Color
R _Y B	255, 157, 146
Decimal	16751762
CIE Lab	74.26, 35.81, 20.98
CIE LCh	74, 41.501, 30.371
Yxy	47.1123, 0.4206, 0.3398
Android (android.graphics.Color)	4294941842 (0xFFFF9C92)
YUV	184.4610, -18.9613, 61.8627
Hunter-Lab	68.6384, 31.5359, 19.3515

Details

The Yxy color **47.1123, 0.4206, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6328, 0.2526, 0.3175**, and the grayscale version is **48.2844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0187, 0.3543, 0.3404**, and **22.1288, 0.4520, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **39.3611, 0.4606, 0.3419**, and if you desaturate by 10%, it is **56.5270, 0.3866, 0.3373**.

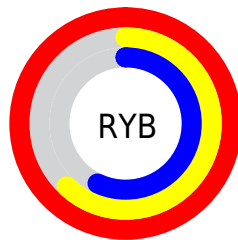
Distribution



Red (100%)

Green (61%)

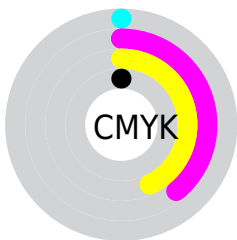
Blue (57%)



Red (100%)

Yellow (62%)

Blue (57%)

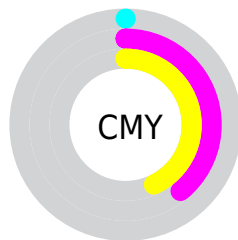


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1123, 0.4206, 0.3398 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 47.1123, 0.4206, 0.3398 by changing the saturation by 10% instead.


 47.1123, 0.4206,
0.3398


 47.1123, 0.4206,
0.3398


375.2626, 0.3662,
0.3366

 33.1244, 0.4341,
0.3399


 85.8812, 0.4008,
0.3392

 22.2218, 0.4514,
0.3396


 111.4311, 0.3934,
0.3388

 14.0200, 0.4741,
0.3386


141.6037, 0.3871,
0.3384

 8.1345, 0.5050,
0.3358


176.7836, 0.3818,
0.3380

 4.1812, 0.5492,
0.3291

217.3550, 0.3771,
0.3376

 1.7754, 0.6328,
0.3216

263.7023, 0.3730,

 0.4718, 0.7506,

0.3372

0.2494

316.2101, 0.3694,
0.3369

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1123, 0.4206,
0.3398

47.1123, 0.4206,
0.3398

39.3611, 0.4606,
0.3419

56.5270, 0.3866,
0.3373

33.1700, 0.5053,
0.3431

67.6867, 0.3585,
0.3346

28.4350, 0.5511,
0.3429

80.6760, 0.3356,
0.3320

25.0364, 0.5921,
0.3409

95.5721, 0.3171,
0.3296

■ 22.8354, 0.6218,
0.3371

99.9981, 0.3127,
0.3290

■ 21.8865, 0.6346,
0.3343

Harmonies

Analogous

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



47.1123, 0.3821, 0.2966



47.1123, 0.4206, 0.3398



47.1123, 0.4261, 0.3842

Triad

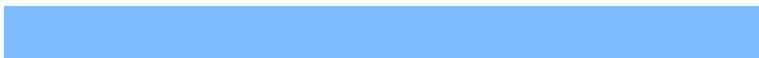
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1123, 0.4206, 0.3398



47.1123, 0.2930, 0.4128



47.1123, 0.2287, 0.2401

Complementary

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



47.1123, 0.4206, 0.3398



78.6328, 0.2526, 0.3175

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.



47.1123, 0.2102, 0.2602



47.1123, 0.4206, 0.3398



47.1123, 0.2444, 0.3607

Square

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



47.1123, 0.4206, 0.3398



47.1123, 0.3497, 0.4345



47.1123, 0.2154, 0.3028



47.1123, 0.2688, 0.2416

Rectangle

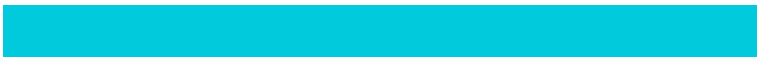
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.1123, 0.4206, 0.3398



47.1123, 0.4111, 0.4101



47.1123, 0.2154, 0.3028



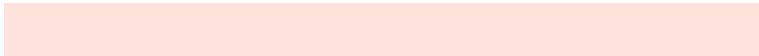
47.1123, 0.2200, 0.2443

Sweetspot

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



47.1146, 0.4206, 0.3398



80.3173, 0.3362, 0.3321



48.4688, 0.3253, 0.2314



16.5453, 0.3408, 0.3327



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.



47.1146, 0.4206, 0.3398



40.5964, 0.4533, 0.3416



69.2219, 0.3953, 0.3944



18.2548, 0.3292, 0.3312



11.5268, 0.6332, 0.3354



1.2086, 0.6195, 0.3463

Inverse Universe

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



78.6328, 0.2526, 0.3175



75.7197, 0.2436, 0.3149



50.7774, 0.2416, 0.2523



20.1797, 0.2980, 0.3268



33.9315, 0.2167, 0.2999



3.3836, 0.2176, 0.3035

Previews

White Background



This preview shows how the Yxy color 47.1123, 0.4206, 0.3398 looks on a white background.

Color Contrast Check

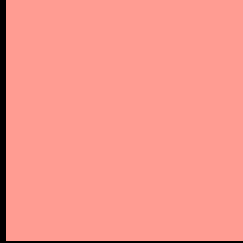
Large Text (above 18pt) WCAG AA × Fail

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 47.1123, 0.4206, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

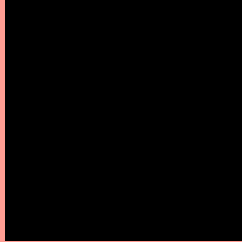
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1123, 0.4206, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 47.1123, 0.4206, 0.3398.



This preview shows how white text looks on a background with the Yxy color 47.1123, 0.4206, 0.3398.

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

47.1123, 0.4206, 0.3398

Protanopia

47.5766, 0.3401, 0.3601

Deuteranopia

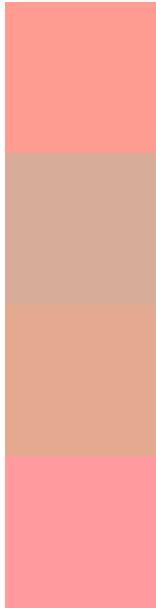
47.2998, 0.3772, 0.3706



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

47.1123, 0.4206, 0.3398

Protanomaly

46.6673, 0.3684, 0.3523

Deuteranomaly

47.0171, 0.3933, 0.3594

Tritanomaly

47.1713, 0.4088, 0.3261

Monochromacy



Original Color

47.1123, 0.4206, 0.3398

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8760, 0.3489, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1123, 0.4206, 0.3398 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, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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(255, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.1123, 0.4206, 0.3398 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, 156, 146) }
```

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

```
.border{ border-color:rgb(255, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1123, 0.4206, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 146) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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