

Converting Colors

$Yxy(65.4987, 0.4852, 0.3388)$

Have a look what the booklet for
Yxy(65.4987, 0.4852, 0.3388)
contains.

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Color

Yxy(47.0506, 0.4226, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C90
RGB	255, 156, 144
RGB Percent	100%, 61%, 56%
CMY	0.0001, 0.3882, 0.4352
CMYK	0.00, 0.39, 0.44, 0.00
HSL	6°, 100%, 78%
HSV	6°, 44%, 100%
XYZ	58.1561, 47.0506, 32.4084
YIQ	184.2330, 62.8560, 17.2560

Conversions

Conversions Part 2

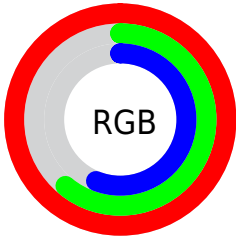
Format	Color
R _Y B	255, 157, 144
Decimal	16751760
CIE Lab	74.22, 35.59, 22.02
CIE LCh	74, 41.851, 31.746
Yxy	47.0506, 0.4226, 0.3419
Android (android.graphics.Color)	4294941840 (0xFFFF9C90)
YUV	184.2330, -19.8349, 62.0627
Hunter-Lab	68.5934, 31.3006, 20.0027

Details

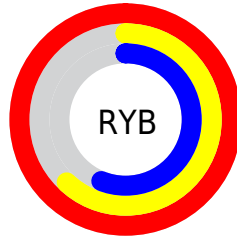
The Yxy color **47.0506, 0.4226, 0.3419** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.2316, 0.2513, 0.3151**, and the grayscale version is **48.1566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9257, 0.3558, 0.3425**, and **22.1107, 0.4534, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **39.4277, 0.4625, 0.3443**, and if you desaturate by 10%, it is **56.2828, 0.3885, 0.3390**.

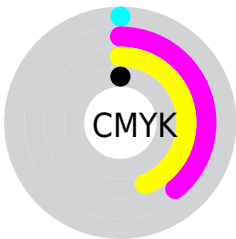
Distribution



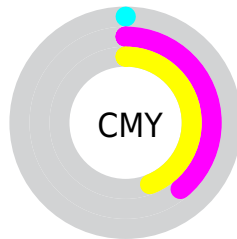
- Red (100%)
- Green (61%)
- Blue (56%)



- Red (100%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0506, 0.4226, 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 47.0506, 0.4226, 0.3419 by changing the saturation by 10% instead.

 47.0506, 0.4226,
0.3419


 47.0506, 0.4226,
0.3419


375.0165, 0.3672,
0.3378

 33.0757, 0.4364,
0.3422


 85.7891, 0.4025,
0.3410

 22.1844, 0.4539,
0.3421


 111.3215, 0.3949,
0.3404

 13.9925, 0.4769,
0.3413


141.4752, 0.3885,
0.3399

 8.1154, 0.5083,
0.3387

176.6345, 0.3830,
0.3394

 4.1689, 0.5528,
0.3322

217.1839, 0.3783,
0.3390

 1.7685, 0.6410,
0.3267

263.5078, 0.3741,

 0.4674, 0.7506,

0.3386

0.2494

315.9905, 0.3705,
0.3381

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0506, 0.4226,
0.3419

47.0506, 0.4226,
0.3419

39.4277, 0.4625,
0.3443

56.2828, 0.3885,
0.3390

33.3150, 0.5068,
0.3457

67.2016, 0.3603,
0.3358

28.6138, 0.5520,
0.3454

79.8882, 0.3372,
0.3328

25.2104, 0.5923,
0.3429

94.4160, 0.3184,
0.3300

■ 22.9731, 0.6214,
0.3385

99.9949, 0.3127,
0.3290

■ 22.0658, 0.6331,
0.3355

Harmonies

Analogous

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



47.0506, 0.3851, 0.2982



47.0506, 0.4226, 0.3419



47.0506, 0.4265, 0.3866

Triad

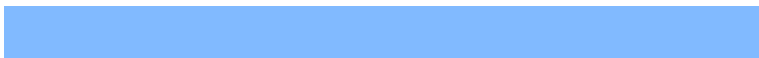
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0506, 0.4226, 0.3419



47.0506, 0.2903, 0.4118



47.0506, 0.2294, 0.2390

Complementary

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



47.0506, 0.4226, 0.3419



77.2316, 0.2513, 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.



47.0506, 0.2098, 0.2582



47.0506, 0.4226, 0.3419



47.0506, 0.2420, 0.3582

Square

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



47.0506, 0.4226, 0.3419



47.0506, 0.3473, 0.4353



47.0506, 0.2139, 0.3001



47.0506, 0.2707, 0.2415

Rectangle

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



47.0506, 0.4226, 0.3419



47.0506, 0.4103, 0.4123



47.0506, 0.2139, 0.3001



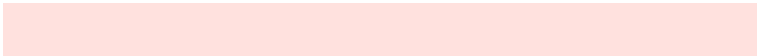
47.0506, 0.2203, 0.2428

Sweetspot

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



47.0530, 0.4226, 0.3419



80.6126, 0.3361, 0.3327



47.7307, 0.3271, 0.2313



16.6171, 0.3407, 0.3333



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.



47.0530, 0.4226, 0.3419



40.4942, 0.4561, 0.3440



69.6543, 0.3962, 0.3974



18.3032, 0.3292, 0.3316



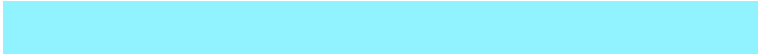
11.6338, 0.6315, 0.3368



1.2313, 0.6160, 0.3491

Inverse Universe

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



77.2316, 0.2513, 0.3151



74.0930, 0.2421, 0.3120



49.2864, 0.2399, 0.2483



20.1259, 0.2980, 0.3264



32.7322, 0.2152, 0.2945



3.2791, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 47.0506, 0.4226, 0.3419 looks on a white background.

Color Contrast Check

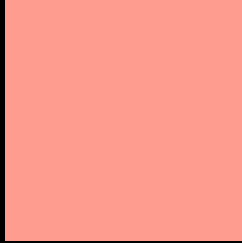
Large Text (above 18pt) WCAG AA × Fail

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 47.0506, 0.4226, 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 47.0506, 0.4226, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 47.0506, 0.4226, 0.3419.



This preview shows how white text looks on a background with the Yxy color 47.0506, 0.4226, 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

47.0506, 0.4226, 0.3419

Protanopia

47.0967, 0.3419, 0.3615

Deuteranopia

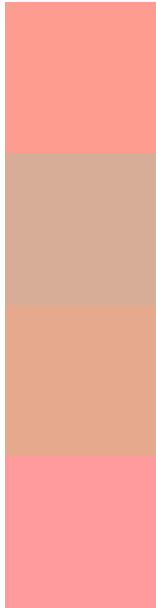
47.3912, 0.3799, 0.3729



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

47.0506, 0.4226, 0.3419

Protanomaly

46.6012, 0.3702, 0.3547

Deuteranomaly

47.1220, 0.3962, 0.3616

Tritanomaly

47.1370, 0.4099, 0.3272

Monochromacy



Original Color

47.0506, 0.4226, 0.3419

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8383, 0.3498, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0506, 0.4226, 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, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 144) }
```

Border

The CSS property to change the border of an element to Yxy 47.0506, 0.4226, 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, 156, 144) }
```

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

```
.border{ border-color:rgb(255, 156, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0506, 0.4226, 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, 156, 144) }
```

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

```
.background{ background-color: rgb(255,  
156, 144) }
```

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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