

Converting Colors

$Y_{xy}(47.0276, 0.4268, 0.3467)$

Have a look what the booklet for
Yxy(47.0276, 0.4268, 0.3467)
contains.

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Color

Yxy(46.9304, 0.4267, 0.3461)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9C8C |
| RGB | 255, 156, 140 |
| RGB Percent | 100%, 61%, 55% |
| CMY | 0.0000, 0.3882, 0.4511 |
| CMYK | 0.00, 0.39, 0.45, 0.00 |
| HSL | 8°, 100%, 77% |
| HSV | 8°, 45%, 100% |
| XYZ | 57.8596, 46.9304, 30.8078 |
| YIQ | 183.7770, 64.1400, 16.0120 |

Conversions

Conversions Part 2

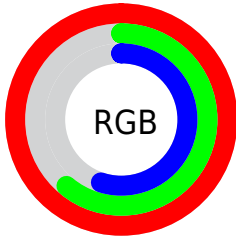
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 159, 140 |
| Decimal | 16751756 |
| CIELab | 74.15, 35.20, 24.12 |
| CIELCh | 74, 42.672, 34.424 |
| Yxy | 46.9304, 0.4267, 0.3461 |
| Android (android.graphics.Color) | 4294941836 (0xFFFF9C8C) |
| YUV | 183.7770, -21.5821, 62.4626 |
| Hunter-Lab | 68.5058, 30.8750, 21.2906 |

Details

The Yxy color **46.9304, 0.4267, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5000, 0.2488, 0.3104**, and the grayscale version is **47.8986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7436, 0.3588, 0.3466**, and **22.0408, 0.4589, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **39.5540, 0.4663, 0.3491**, and if you desaturate by 10%, it is **55.8161, 0.3925, 0.3424**.

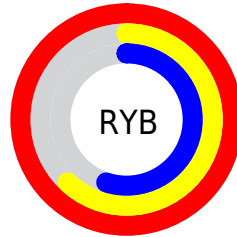
Distribution



Red (100%)

Green (61%)

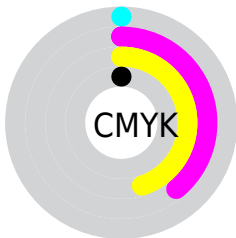
Blue (55%)



Red (100%)

Yellow (62%)

Blue (55%)

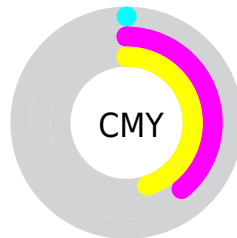


Cyan (0%)

Magenta (39%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9304, 0.4267, 0.3461 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 46.9304, 0.4267, 0.3461 by changing the saturation by 10% instead.


 46.9304, 0.4267,
0.3461


 46.9304, 0.4267,
0.3461


374.5366, 0.3693,
0.3401

 32.9806, 0.4409,
0.3467


 85.6097, 0.4059,
0.3446

 22.1116, 0.4590,
0.3471


 111.1081, 0.3980,
0.3438

 13.9389, 0.4828,
0.3467


 141.2247, 0.3914,
0.3431

 8.0782, 0.5149,
0.3445

176.3441, 0.3857,
0.3424

 4.1450, 0.5601,
0.3381

216.8506, 0.3808,
0.3418

 1.7550, 0.6588,
0.3377

263.1286, 0.3765,

 0.4589, 0.7507,

0.3412

0.2493

315.5625, 0.3727,
0.3406

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.9304, 0.4267,
0.3461

46.9304, 0.4267,
0.3461

39.5540, 0.4663,
0.3491

55.8161, 0.3925,
0.3424

33.5960, 0.5099,
0.3507

66.2813, 0.3639,
0.3384

28.9664, 0.5538,
0.3501

78.4004, 0.3404,
0.3345

25.5622, 0.5926,
0.3469

92.2410, 0.3211,
0.3308

■ 23.2642, 0.6203,
0.3412

99.9995, 0.3127,
0.3290

■ 22.4948, 0.6295,
0.3383

Harmonies

Analogous

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



46.9304, 0.3911, 0.3013



46.9304, 0.4267, 0.3461



46.9304, 0.4273, 0.3913

Triad

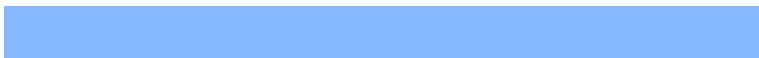
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.9304, 0.4267, 0.3461



46.9304, 0.2848, 0.4097



46.9304, 0.2307, 0.2367

Complementary

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



46.9304, 0.4267, 0.3461



74.5000, 0.2488, 0.3104

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.



46.9304, 0.2087, 0.2540



46.9304, 0.4267, 0.3461



46.9304, 0.2371, 0.3533

Square

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



46.9304, 0.4267, 0.3461



46.9304, 0.3427, 0.4370



46.9304, 0.2107, 0.2947



46.9304, 0.2746, 0.2411

Rectangle

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



46.9304, 0.4267, 0.3461



46.9304, 0.4090, 0.4168



46.9304, 0.2107, 0.2947



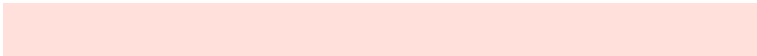
46.9304, 0.2208, 0.2399

Sweetspot

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



46.9328, 0.4267, 0.3461



79.8515, 0.3380, 0.3341



46.2780, 0.3312, 0.2312



16.4923, 0.3426, 0.3349



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.



46.9328, 0.4267, 0.3461



40.3018, 0.4617, 0.3488



70.6504, 0.3981, 0.4034



18.3954, 0.3291, 0.3324



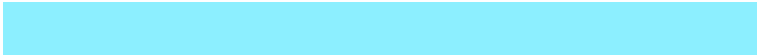
11.8777, 0.6276, 0.3399



1.2746, 0.6097, 0.3541

Inverse Universe

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



74.5000, 0.2488, 0.3104



70.8968, 0.2390, 0.3061



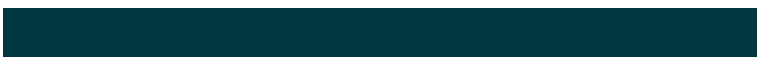
46.3087, 0.2363, 0.2399



20.0240, 0.2980, 0.3256



30.5313, 0.2123, 0.2841



3.0864, 0.2138, 0.2897

Previews

White Background



This preview shows how the Yxy color 46.9304, 0.4267, 0.3461 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 46.9304, 0.4267, 0.3461 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 46.9304, 0.4267, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 46.9304, 0.4267, 0.3461.



This preview shows how white text looks on a background with the Yxy color 46.9304, 0.4267, 0.3461.

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

46.9304, 0.4267, 0.3461

Protanopia

47.0604, 0.3471, 0.3680

Deuteranopia

47.0364, 0.3848, 0.3764



Tritanopia

47.0515, 0.4030, 0.3187

Trichromacy



Original Color

46.9304, 0.4267, 0.3461

Protanomaly

46.6242, 0.3748, 0.3595

Deuteranomaly

46.6344, 0.4004, 0.3650

Tritanomaly

47.0692, 0.4119, 0.3293

Monochromacy



Original Color

46.9304, 0.4267, 0.3461

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8009, 0.3507, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9304, 0.4267, 0.3461 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 140) }
```

Border

The CSS property to change the border of an element to Yxy 46.9304, 0.4267, 0.3461 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, 140) }
```

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

```
.border{ border-color:rgb(255, 156, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9304, 0.4267, 0.3461 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
156, 140) }
```

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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