

Converting Colors

Yxy(57.9728, 0.4541, 0.3311)

Have a look what the booklet for
Yxy(57.9728, 0.4541, 0.3311)
contains.

Yxy(47.3700, 0.4125, 0.3314)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3700, 0.4125, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C9A
RGB	255, 156, 154
RGB Percent	100%, 61%, 60%
CMY	0.0000, 0.3882, 0.3961
CMYK	0.00, 0.39, 0.40, 0.00
HSL	1°, 100%, 80%
HSV	1°, 40%, 100%
XYZ	58.9624, 47.3700, 36.6067
YIQ	185.3730, 59.6460, 20.3660

Conversions

Conversions Part 2

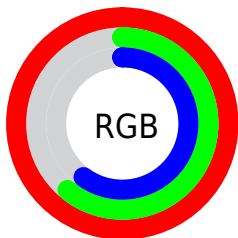
Format	Color
R _Y B	255, 156, 154
Decimal	16751770
CIE Lab	74.43, 36.66, 16.84
CIE LCh	74, 40.346, 24.666
Yxy	47.3700, 0.4125, 0.3314
Android (android.graphics.Color)	4294941850 (0xFFFF9C9A)
YUV	185.3730, -15.4669, 61.0629
Hunter-Lab	68.8259, 32.4737, 16.6433

Details

The Yxy color **47.3700, 0.4125, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3373, 0.2575, 0.3266**, and the grayscale version is **48.7977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9010, 0.3481, 0.3332**, and **22.2819, 0.4406, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **39.0671, 0.4528, 0.3320**, and if you desaturate by 10%, it is **57.5819, 0.3788, 0.3308**.

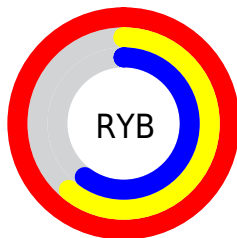
Distribution



Red (100%)

Green (61%)

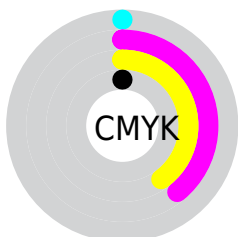
Blue (60%)



Red (100%)

Yellow (61%)

Blue (60%)

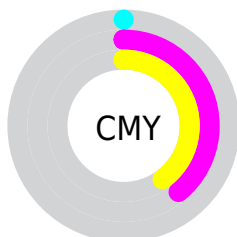


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3700, 0.4125, 0.3314 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 47.3700, 0.4125, 0.3314 by changing the saturation by 10% instead.


 47.3700, 0.4125,
0.3314


 47.3700, 0.4125,
0.3314


376.2895, 0.3622,
0.3319

 33.3282, 0.4250,
0.3307

 86.2657, 0.3942,
0.3320

 22.3780, 0.4411,
0.3296


 111.8883, 0.3874,
0.3321

 14.1349, 0.4622,
0.3276


142.1401, 0.3816,
0.3321

 8.2146, 0.4913,
0.3238

177.4054, 0.3766,
0.3321

 4.2326, 0.5333,
0.3164

218.0686, 0.3723,
0.3321

 1.8045, 0.6029,
0.3028

264.5141, 0.3685,

 0.4900, 0.7506,

0.3320

0.2494

317.1263, 0.3652,
0.3320

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3700, 0.4125,
0.3314

47.3700, 0.4125,
0.3314

39.0671, 0.4528,
0.3320

57.5819, 0.3788,
0.3308

32.5508, 0.4987,
0.3324

69.8065, 0.3515,
0.3301

27.6912, 0.5468,
0.3325

84.1451, 0.3296,
0.3295

24.3391, 0.5905,
0.3321

100.0000, 0.3127,
0.3290

■ 22.3187, 0.6225,
0.3314

■ 21.3933, 0.6386,
0.3307

■ 21.3699, 0.6391,
0.3307

Harmonies

Analogous

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



47.3700, 0.3703, 0.2903



47.3700, 0.4125, 0.3314



47.3700, 0.4244, 0.3751

Triad

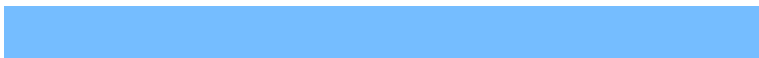
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.3700, 0.4125, 0.3314



47.3700, 0.3041, 0.4169



47.3700, 0.2258, 0.2445

Complementary

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



47.3700, 0.4125, 0.3314



84.3373, 0.2575, 0.3266

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.



47.3700, 0.2121, 0.2685



47.3700, 0.4125, 0.3314



47.3700, 0.2542, 0.3706

Square

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



47.3700, 0.4125, 0.3314



47.3700, 0.3589, 0.4311



47.3700, 0.2217, 0.3137



47.3700, 0.2612, 0.2421

Rectangle

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



47.3700, 0.4125, 0.3314



47.3700, 0.4138, 0.4015



47.3700, 0.2217, 0.3137



47.3700, 0.2187, 0.2501

Sweetspot

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



47.3715, 0.4125, 0.3314



80.5180, 0.3344, 0.3297



51.4830, 0.3187, 0.2325



16.8215, 0.3371, 0.3297



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.



47.3715, 0.4125, 0.3314



40.2787, 0.4459, 0.3319



67.8238, 0.3908, 0.3831



18.0447, 0.3294, 0.3295



11.1912, 0.6387, 0.3311



1.1091, 0.6354, 0.3337

Inverse Universe

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



84.3373, 0.2575, 0.3266



82.1535, 0.2486, 0.3260



56.7151, 0.2483, 0.2673



20.4159, 0.2980, 0.3285



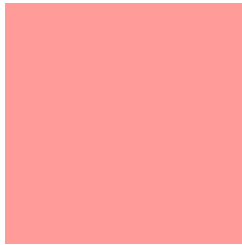
39.5059, 0.2230, 0.3227



3.8655, 0.2232, 0.3234

Previews

White Background



This preview shows how the Yxy color 47.3700, 0.4125, 0.3314 looks on a white background.

Color Contrast Check

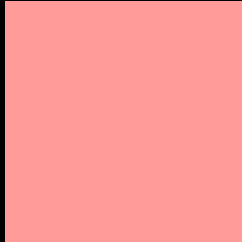
Large Text (above 18pt) WCAG AA × Fail

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 47.3700, 0.4125, 0.3314 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 47.3700, 0.4125, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 47.3700, 0.4125, 0.3314.

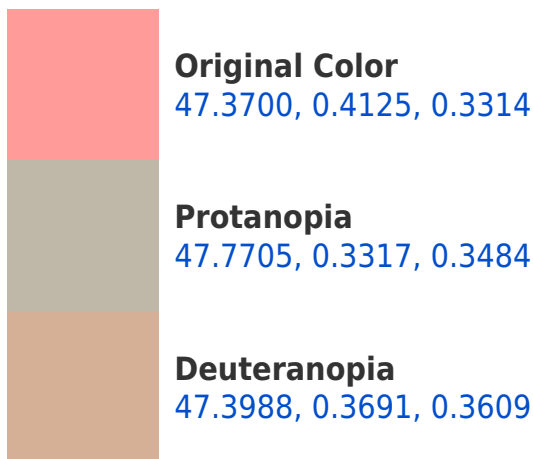


This preview shows how white text looks on a background with the Yxy color 47.3700, 0.4125, 0.3314.

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

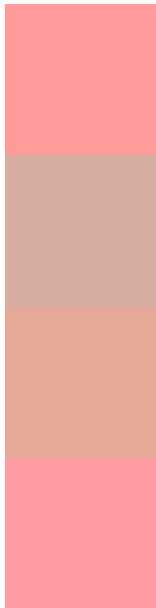




Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.3700, 0.4125, 0.3314

Protanomaly

46.8276, 0.3592, 0.3413

Deuteranomaly

47.1043, 0.3849, 0.3502

Tritanomaly

47.3113, 0.4047, 0.3219

Monochromacy



Original Color

47.3700, 0.4125, 0.3314

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.0297, 0.3454, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3700, 0.4125, 0.3314 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 154) }
```

Border

The CSS property to change the border of an element to Yxy 47.3700, 0.4125, 0.3314 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, 154) }
```

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

```
.border{ border-color:rgb(255, 156, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3700, 0.4125, 0.3314 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
156, 154) }
```

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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