

Converting Colors

$Y_{xy}(47.2717, 0.4111, 0.3293)$

Have a look what the booklet for
Yxy(47.2717, 0.4111, 0.3293)
contains.

Yxy(47.4372, 0.4105, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4372, 0.4105, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C9C
RGB	255, 156, 156
RGB Percent	100%, 61%, 61%
CMY	0.0000, 0.3883, 0.3883
CMYK	0.00, 0.39, 0.39, 0.00
HSL	0°, 100%, 81%
HSV	0°, 39%, 100%
XYZ	59.1344, 47.4372, 37.4830
YIQ	185.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

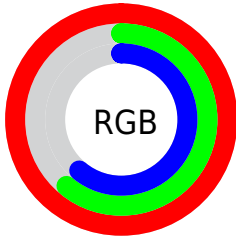
Format	Color
R _Y B	255, 156, 156
Decimal	16751772
CIE Lab	74.47, 36.89, 15.81
CIE LCh	74, 40.140, 23.196
Yxy	47.4372, 0.4105, 0.3293
Android (android.graphics.Color)	4294941852 (0xFFFF9C9C)
YUV	185.6010, -14.5933, 60.8629
Hunter-Lab	68.8747, 32.7259, 15.9454

Details

The Yxy color **47.4372, 0.4105, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.7969, 0.2587, 0.3288**, and the grayscale version is **48.9226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0001, 0.3466, 0.3311**, and **22.4562, 0.4389, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **38.9830, 0.4508, 0.3294**, and if you desaturate by 10%, it is **57.8639, 0.3769, 0.3292**.

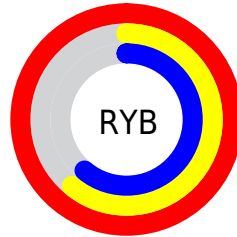
Distribution



Red (100%)

Green (61%)

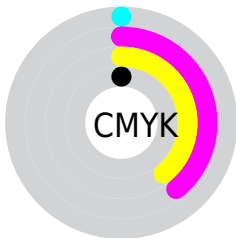
Blue (61%)



Red (100%)

Yellow (61%)

Blue (61%)

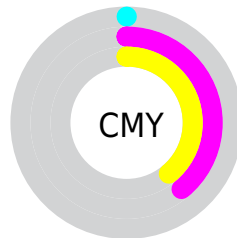


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4372, 0.4105, 0.3293 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 47.4372, 0.4105, 0.3293 by changing the saturation by 10% instead.


 47.4372, 0.4105,
0.3293

 47.4372, 0.4105,
0.3293


376.5570, 0.3613,
0.3308

 33.3814, 0.4228,
0.3285


 86.3659, 0.3926,
0.3302

 22.4188, 0.4385,
0.3271


 112.0075, 0.3859,
0.3304

 14.1649, 0.4593,
0.3248


142.2799, 0.3802,
0.3306

 8.2355, 0.4878,
0.3208

177.5675, 0.3753,
0.3307

 4.2460, 0.5292,
0.3131

218.2546, 0.3711,
0.3307

 1.8121, 0.5963,
0.2985

264.7256, 0.3674,

 0.4947, 0.7507,

0.3307

0.2493

317.3649, 0.3642,
0.3308

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4372, 0.4105,
0.3293

47.4372, 0.4105,
0.3293

38.9830, 0.4508,
0.3294

57.8639, 0.3769,
0.3292

32.3832, 0.4971,
0.3296

70.3838, 0.3498,
0.3291

27.4968, 0.5456,
0.3297

85.0997, 0.3282,
0.3291

24.1654, 0.5900,
0.3298

100.0000, 0.3127,
0.3290

■ 22.2012, 0.6224,
0.3299

■ 21.3320, 0.6387,
0.3300

■ 21.2608, 0.6401,
0.3300

Harmonies

Analogous

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



47.4372, 0.3674, 0.2887



47.4372, 0.4105, 0.3293



47.4372, 0.4240, 0.3728

Triad

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



47.4372, 0.4105, 0.3293



47.4372, 0.3068, 0.4179



47.4372, 0.2250, 0.2456

Complementary

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



47.4372, 0.4105, 0.3293



85.7969, 0.2587, 0.3288

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.



47.4372, 0.2125, 0.2706



47.4372, 0.4105, 0.3293



47.4372, 0.2566, 0.3731

Square

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



47.4372, 0.4105, 0.3293



47.4372, 0.3612, 0.4303



47.4372, 0.2232, 0.3165



47.4372, 0.2593, 0.2422

Rectangle

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



47.4372, 0.4105, 0.3293



47.4372, 0.4145, 0.3994



47.4372, 0.2232, 0.3165



47.4372, 0.2183, 0.2515

Sweetspot

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



47.4350, 0.4105, 0.3293



80.1925, 0.3345, 0.3291



52.2505, 0.3172, 0.2329



16.7457, 0.3372, 0.3291



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.



47.4350, 0.4105, 0.3293



40.3882, 0.4430, 0.3294



67.5573, 0.3896, 0.3804



17.9875, 0.3295, 0.3291



11.1094, 0.6401, 0.3300



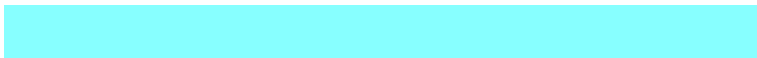
1.0818, 0.6400, 0.3300

Inverse Universe

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



85.7969, 0.2587, 0.3288



83.8923, 0.2501, 0.3288



58.1836, 0.2499, 0.2708



20.4810, 0.2980, 0.3290



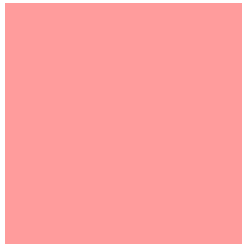
41.1312, 0.2246, 0.3287



4.0049, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 47.4372, 0.4105, 0.3293 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 47.4372, 0.4105, 0.3293 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 47.4372, 0.4105, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 47.4372, 0.4105, 0.3293.

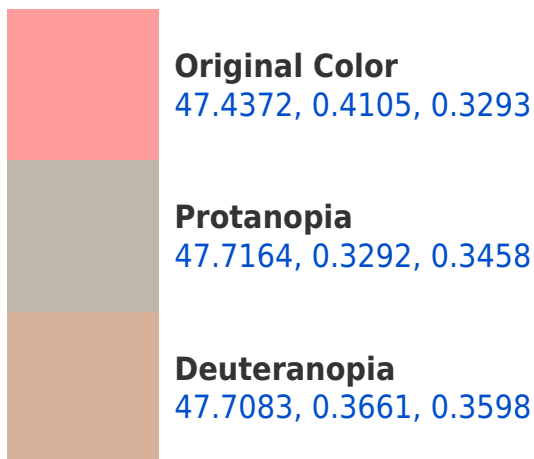


This preview shows how white text looks on a background with the Yxy color 47.4372, 0.4105, 0.3293.

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

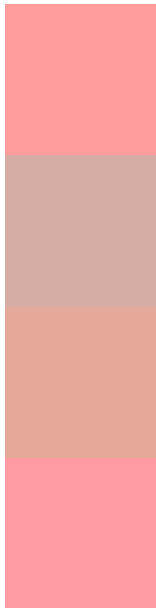




Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.4372, 0.4105, 0.3293

Protanomaly

46.8999, 0.3574, 0.3388

Deuteranomaly

47.1698, 0.3830, 0.3478

Tritanomaly

47.3113, 0.4047, 0.3219

Monochromacy



Original Color

47.4372, 0.4105, 0.3293

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.6040, 0.3452, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4372, 0.4105, 0.3293 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, 156)` looks like.

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

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, 156) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 47.4372, 0.4105, 0.3293 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, 156) }
```

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

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

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, 156) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 47.4372, 0.4105, 0.3293 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, 156) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor