

Converting Colors

$Y_{xy}(47.3175, 0.4135, 0.3324)$

Have a look what the booklet for
Yxy(47.3175, 0.4135, 0.3324)
contains.

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Color

Yxy(47.3368, 0.4135, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C99
RGB	255, 156, 153
RGB Percent	100%, 61%, 60%
CMY	0.0001, 0.3881, 0.4001
CMYK	0.00, 0.39, 0.40, 0.00
HSL	2°, 100%, 80%
HSV	2°, 40%, 100%
XYZ	58.8685, 47.3368, 36.1610
YIQ	185.2590, 59.9670, 20.0550

Conversions

Conversions Part 2

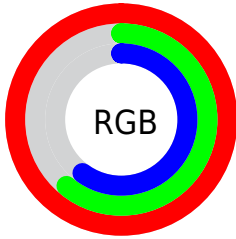
Format	Color
R_{YB}	255, 156, 153
Decimal	16751769
CIE _{Lab}	74.40, 36.53, 17.37
CIE _{LCh}	74, 40.448, 25.429
Yxy	47.3368, 0.4135, 0.3325
Android (android.graphics.Color)	4294941849 (0xFFFF9C99)
YUV	185.2590, -15.9037, 61.1629
Hunter-Lab	68.8017, 32.3260, 16.9994

Details

The Yxy color **47.3368, 0.4135, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5597, 0.2569, 0.3254**, and the grayscale version is **48.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8520, 0.3489, 0.3342**, and **22.2619, 0.4420, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **39.1101, 0.4538, 0.3333**, and if you desaturate by 10%, it is **57.4384, 0.3798, 0.3316**.

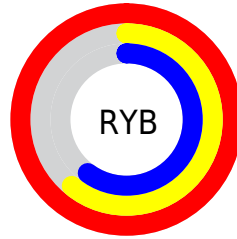
Distribution



Red (100%)

Green (61%)

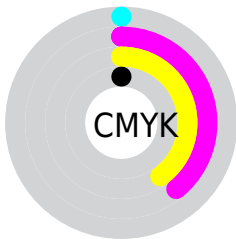
Blue (60%)



Red (100%)

Yellow (61%)

Blue (60%)

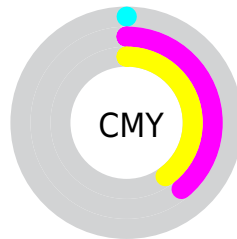


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3368, 0.4135, 0.3325 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 47.3368, 0.4135, 0.3325 by changing the saturation by 10% instead.

 47.3368, 0.4135,
0.3325

 47.3368, 0.4135,
0.3325


376.1573, 0.3627,
0.3325

 33.3020, 0.4262,
0.3319


 86.2161, 0.3950,
0.3329

 22.3579, 0.4423,
0.3309


 111.8295, 0.3881,
0.3330

 14.1201, 0.4637,
0.3290


142.0711, 0.3822,
0.3329

 8.2042, 0.4930,
0.3254

177.3254, 0.3772,
0.3329

 4.2259, 0.5353,
0.3181

217.9767, 0.3729,
0.3328

 1.8007, 0.6064,
0.3051

264.4096, 0.3691,

 0.4876, 0.7505,

0.3327

0.2495

317.0083, 0.3657,
0.3326

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3368, 0.4135,
0.3325

47.3368, 0.4135,
0.3325

39.1101, 0.4538,
0.3333

57.4384, 0.3798,
0.3316

32.6364, 0.4995,
0.3338

69.5129, 0.3524,
0.3307

27.7906, 0.5473,
0.3339

83.6599, 0.3304,
0.3298

24.4280, 0.5908,
0.3333

99.9703, 0.3127,
0.3290

■ 22.3787, 0.6225,
0.3322

99.9943, 0.3127,
0.3290

■ 21.4197, 0.6386,
0.3311

Harmonies

Analogous

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



47.3368, 0.3718, 0.2911



47.3368, 0.4135, 0.3325



47.3368, 0.4246, 0.3762

Triad

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



47.3368, 0.4135, 0.3325



47.3368, 0.3026, 0.4163



47.3368, 0.2262, 0.2440

Complementary

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



47.3368, 0.4135, 0.3325



83.5597, 0.2569, 0.3254

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.



47.3368, 0.2119, 0.2675



47.3368, 0.4135, 0.3325



47.3368, 0.2530, 0.3693

Square

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



47.3368, 0.4135, 0.3325



47.3368, 0.3577, 0.4315



47.3368, 0.2209, 0.3123



47.3368, 0.2622, 0.2421

Rectangle

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



47.3368, 0.4135, 0.3325



47.3368, 0.4134, 0.4026



47.3368, 0.2209, 0.3123



47.3368, 0.2189, 0.2493

Sweetspot

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



47.3391, 0.4135, 0.3325



80.6842, 0.3344, 0.3300



51.1385, 0.3187, 0.2316



16.8602, 0.3371, 0.3301



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.



47.3391, 0.4135, 0.3325



40.6236, 0.4452, 0.3332



67.5391, 0.3918, 0.3837



18.0740, 0.3294, 0.3298



11.2329, 0.6380, 0.3316



1.1230, 0.6331, 0.3355

Inverse Universe

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



83.5597, 0.2569, 0.3254



81.3821, 0.2484, 0.3246



56.3579, 0.2477, 0.2666



20.3828, 0.2980, 0.3282



38.6944, 0.2221, 0.3196



3.7957, 0.2224, 0.3207

Previews

White Background



This preview shows how the Yxy color 47.3368, 0.4135, 0.3325 looks on a white background.

Color Contrast Check

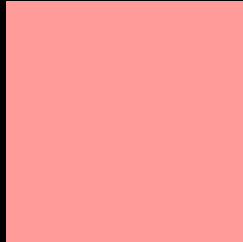
Large Text (above 18pt) WCAG AA × Fail

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 47.3368, 0.4135, 0.3325 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 47.3368, 0.4135, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 47.3368, 0.4135, 0.3325.



This preview shows how white text looks on a background with the Yxy color 47.3368, 0.4135, 0.3325.

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

47.3368, 0.4135, 0.3325

Protanopia

47.6965, 0.3334, 0.3510

Deuteranopia

47.3667, 0.3700, 0.3622



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.3368, 0.4135, 0.3325

Protanomaly

46.7565, 0.3610, 0.3437

Deuteranomaly

47.0719, 0.3858, 0.3513

Tritanomaly

47.2759, 0.4057, 0.3230

Monochromacy



Original Color

47.3368, 0.4135, 0.3325

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

46.9909, 0.3463, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3368, 0.4135, 0.3325 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 153) }
```

Border

The CSS property to change the border of an element to Yxy 47.3368, 0.4135, 0.3325 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, 153) }
```

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

```
.border{ border-color:rgb(255, 156, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3368, 0.4135, 0.3325 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
156, 153) }
```

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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