

Converting Colors

$Y_{xy}(48.8052, 0.4340, 0.3081)$

Have a look what the booklet for
Yxy(48.8052, 0.4340, 0.3081)
contains.

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Color

Yxy(42.9901, 0.4080, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FF8DA4
RGB	255, 141, 164
RGB Percent	100%, 55%, 64%
CMY	0.0000, 0.4471, 0.3568
CMYK	0.00, 0.45, 0.36, 0.00
HSL	348°, 100%, 78%
HSV	348°, 45%, 100%
XYZ	57.4704, 42.9901, 40.3983
YIQ	177.7080, 60.5610, 31.3210

Conversions

Conversions Part 2

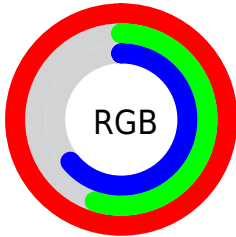
Format	Color
R _Y B	255, 141, 164
Decimal	16747940
CIE Lab	71.55, 45.44, 7.23
CIE LCh	72, 46.012, 9.043
Yxy	42.9901, 0.4080, 0.3052
Android (android.graphics.Color)	4294938020 (0xFFFF8DA4)
YUV	177.7080, -6.7580, 67.7851
Hunter-Lab	65.5668, 41.7161, 9.3659

Details

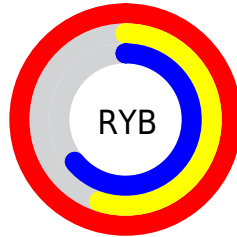
The Yxy color **42.9901, 0.4080, 0.3052** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0075, 0.2626, 0.3556**, and the grayscale version is **44.3701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3070, 0.3422, 0.3067**, and **19.7514, 0.4363, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **35.6385, 0.4427, 0.3009**, and if you desaturate by 10%, it is **52.1896, 0.3787, 0.3104**.

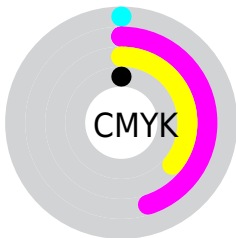
Distribution



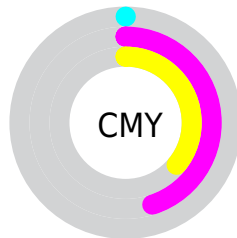
- Red (100%)
- Green (55%)
- Blue (64%)



- Red (100%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (45%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9901, 0.4080, 0.3052 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 42.9901, 0.4080, 0.3052 by changing the saturation by 10% instead.

 42.9901, 0.4080,
0.3052


 42.9901, 0.4080,
0.3052


358.5711, 0.3595,
0.3181

 29.8773, 0.4203,
0.3017


 79.6959, 0.3902,
0.3101

 19.7455, 0.4362,
0.2970


 104.0578, 0.3836,
0.3119

 12.2102, 0.4574,
0.2905


132.9381, 0.3780,
0.3134

 6.8870, 0.4871,
0.2810


166.7214, 0.3732,
0.3146

 3.3915, 0.5311,
0.2660

205.7919, 0.3691,
0.3157

 1.3394, 0.6019,
0.2396

250.5341, 0.3655,

 0.1714, 0.8873,

0.3166

0.1127

301.3323, 0.3623,
0.3174

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.9901, 0.4080,
0.3052

42.9901, 0.4080,
0.3052

35.6385, 0.4427,
0.3009

52.1896, 0.3787,
0.3104

30.0098, 0.4821,
0.2984

63.3521, 0.3545,
0.3160

25.9616, 0.5239,
0.2986

76.5823, 0.3349,
0.3215

23.3294, 0.5639,
0.3024

91.9777, 0.3191,
0.3267

■ 21.9114, 0.5972,
0.3096

100.0000, 0.3127,
0.3290

■ 21.5034, 0.6111,
0.3140

Harmonies

Analogous

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



42.9901, 0.3458, 0.2632



42.9901, 0.4080, 0.3052



42.9901, 0.4420, 0.3545

Triad

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



42.9901, 0.4080, 0.3052



42.9901, 0.3351, 0.4480



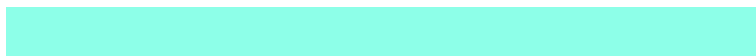
42.9901, 0.2008, 0.2415

Complementary

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



42.9901, 0.4080, 0.3052



83.0075, 0.2626, 0.3556

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.



42.9901, 0.1987, 0.2817



42.9901, 0.4080, 0.3052



42.9901, 0.2720, 0.4113

Square

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



42.9901, 0.4080, 0.3052



42.9901, 0.3953, 0.4408



42.9901, 0.2231, 0.3449



42.9901, 0.2285, 0.2271

Rectangle

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



42.9901, 0.4080, 0.3052



42.9901, 0.4422, 0.3877



42.9901, 0.2231, 0.3449



42.9901, 0.1972, 0.2520

Sweetspot

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



42.9898, 0.4080, 0.3052



79.0546, 0.3320, 0.3224



43.1414, 0.2968, 0.2123



16.2393, 0.3358, 0.3212



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.



42.9898, 0.4080, 0.3052



36.1002, 0.4401, 0.3012



53.1845, 0.4168, 0.3631



18.0470, 0.3262, 0.3242



11.2528, 0.6075, 0.3120



1.1104, 0.5776, 0.2956

Inverse Universe

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



42.9898, 0.4080, 0.3052



36.1002, 0.4401, 0.3012



65.4972, 0.2458, 0.2909



18.0470, 0.3262, 0.3242



11.2528, 0.6075, 0.3120



1.1104, 0.5776, 0.2956

Previews

White Background



This preview shows how the Yxy color 42.9901, 0.4080, 0.3052 looks on a white background.

Color Contrast Check

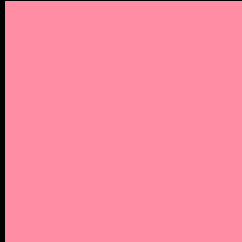
Large Text (above 18pt) WCAG AA × Fail

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 42.9901, 0.4080, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

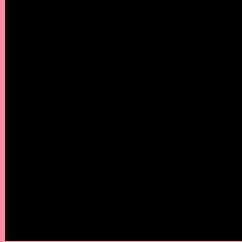
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9901, 0.4080, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 42.9901, 0.4080, 0.3052.



This preview shows how white text looks on a background with the Yxy color 42.9901, 0.4080, 0.3052.

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

42.9901, 0.4080, 0.3052

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

43.0213, 0.3497, 0.3420



Tritanopia

43.0157, 0.4183, 0.3188

Trichromacy



Original Color

42.9901, 0.4080, 0.3052



Protanomaly

42.3081, 0.3410, 0.3129



Deuteranomaly

42.4296, 0.3700, 0.3268



Tritanomaly

42.8512, 0.4144, 0.3135

Monochromacy



Original Color

42.9901, 0.4080, 0.3052



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.0492, 0.3443, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9901, 0.4080, 0.3052 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, 141, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 164)  
}
```

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, 141, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.9901, 0.4080, 0.3052 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, 141, 164) }
```

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

```
.border{ border-color:rgb(255, 141, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 141, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9901, 0.4080, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 164) }
```

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

```
.background{ background-color: rgb(255,  
141, 164) }
```

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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