

Converting Colors

$Y_{xy}(43.1839, 0.4034, 0.3010)$

Have a look what the booklet for
Yxy(43.1839, 0.4034, 0.3010)
contains.

Yxy(43.1369, 0.4036, 0.3010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.1369, 0.4036, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	FF8DA8
RGB	255, 141, 168
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4471, 0.3411
CMYK	0.00, 0.45, 0.34, 0.00
HSL	346°, 100%, 78%
HSV	346°, 45%, 100%
XYZ	57.8407, 43.1369, 42.3344
YIQ	178.1640, 59.2770, 32.5650

Conversions

Conversions Part 2

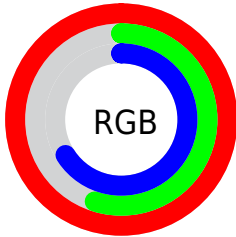
Format	Color
R_{YB}	255, 141, 168
Decimal	16747944
CIE _{Lab}	71.65, 45.92, 5.14
CIE _{LCh}	72, 46.205, 6.391
Yxy	43.1369, 0.4036, 0.3010
Android (android.graphics.Color)	4294938024 (0xFFFF8DA8)
YUV	178.1640, -5.0109, 67.3852
Hunter-Lab	65.6787, 42.2604, 7.7587

Details

The Yxy color **43.1369, 0.4036, 0.3010** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7814, 0.2645, 0.3604**, and the grayscale version is **44.6127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5202, 0.3391, 0.3027**, and **19.8425, 0.4299, 0.2926** is the 20% darker color. If you saturate the color by 10%, you get **35.7896, 0.4366, 0.2958**, and if you desaturate by 10%, it is **52.3190, 0.3757, 0.3072**.

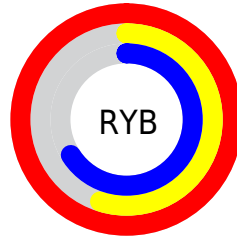
Distribution



Red (100%)

Green (55%)

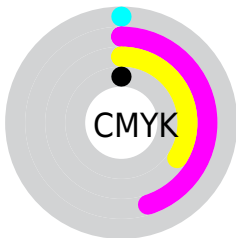
Blue (66%)



Red (100%)

Yellow (55%)

Blue (66%)

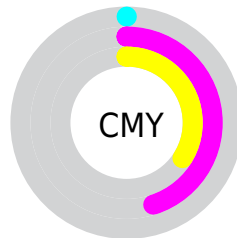


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (45%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1369, 0.4036, 0.3010 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 43.1369, 0.4036, 0.3010 by changing the saturation by 10% instead.


 43.1369, 0.4036,
0.3010


 43.1369, 0.4036,
0.3010


359.1745, 0.3574,
0.3158

 29.9925, 0.4153,
0.2971


 79.9174, 0.3867,
0.3065

 19.8329, 0.4303,
0.2920


 104.3223, 0.3804,
0.3086

 12.2737, 0.4505,
0.2850


133.2496, 0.3751,
0.3103

 6.9303, 0.4786,
0.2749

167.0836, 0.3705,
0.3117

 3.4186, 0.5204,
0.2593

206.2086, 0.3666,
0.3129

 1.3540, 0.5877,
0.2326

251.0092, 0.3631,

 0.1824, 0.8833,

0.3140

0.1167

301.8697, 0.3601,
0.3149

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1369, 0.4036,
0.3010

■ 43.1369, 0.4036,
0.3010

■ 35.7896, 0.4366,
0.2958

■ 52.3190, 0.3757,
0.3072

■ 30.1586, 0.4741,
0.2926

■ 63.4562, 0.3527,
0.3137

■ 26.1007, 0.5141,
0.2924

■ 76.6505, 0.3340,
0.3202

■ 23.4521, 0.5532,
0.2961

■ 91.9987, 0.3188,
0.3263

■ 22.0123, 0.5868,
0.3038

100.0000, 0.3127,
0.3290

■ 21.5912, 0.6014,
0.3087

Harmonies

Analogous

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



43.1369, 0.3398, 0.2599



43.1369, 0.4036, 0.3010



43.1369, 0.4409, 0.3500

Triad

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



43.1369, 0.4036, 0.3010



43.1369, 0.3408, 0.4495



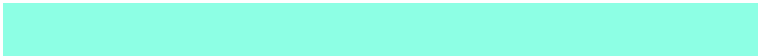
43.1369, 0.1993, 0.2438

Complementary

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



43.1369, 0.4036, 0.3010



82.7814, 0.2645, 0.3604

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.



43.1369, 0.1995, 0.2864



43.1369, 0.4036, 0.3010



43.1369, 0.2771, 0.4165

Square

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



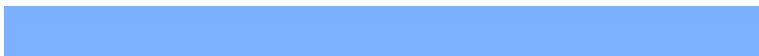
43.1369, 0.4036, 0.3010



43.1369, 0.4002, 0.4387



43.1369, 0.2262, 0.3511



43.1369, 0.2248, 0.2271

Rectangle

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



43.1369, 0.4036, 0.3010



43.1369, 0.4436, 0.3835



43.1369, 0.2262, 0.3511



43.1369, 0.1965, 0.2551

Sweetspot

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



43.1347, 0.4036, 0.3010



79.1198, 0.3311, 0.3212



42.5159, 0.2935, 0.2112



16.2552, 0.3348, 0.3198



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.



43.1347, 0.4036, 0.3010



36.2530, 0.4341, 0.2961



51.7422, 0.4187, 0.3591



18.0577, 0.3257, 0.3234



11.3010, 0.5975, 0.3065



1.1164, 0.5664, 0.2894

Inverse Universe

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



43.1347, 0.4036, 0.3010



36.2530, 0.4341, 0.2961



67.5454, 0.2466, 0.2955



18.0577, 0.3257, 0.3234



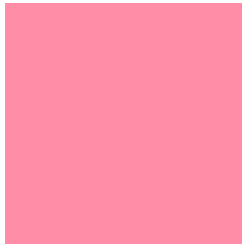
11.3010, 0.5975, 0.3065



1.1164, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 43.1369, 0.4036, 0.3010 looks on a white background.

Color Contrast Check

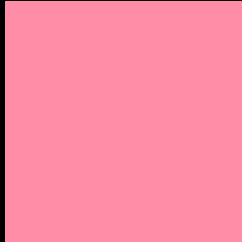
Large Text (above 18pt) WCAG AA × Fail

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 43.1369, 0.4036, 0.3010 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 43.1369, 0.4036, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 43.1369, 0.4036, 0.3010.



This preview shows how white text looks on a background with the Yxy color 43.1369, 0.4036, 0.3010.

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

43.1369, 0.4036, 0.3010

Protanopia

43.4779, 0.3039, 0.3131

Deuteranopia

43.3996, 0.3449, 0.3381



Tritanopia

43.0488, 0.4172, 0.3178

Trichromacy



Original Color

43.1369, 0.4036, 0.3010

Protanomaly

42.4688, 0.3373, 0.3080

Deuteranomaly

42.5730, 0.3660, 0.3219

Tritanomaly

42.9200, 0.4122, 0.3114

Monochromacy



Original Color

43.1369, 0.4036, 0.3010

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.0881, 0.3434, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1369, 0.4036, 0.3010 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.1369, 0.4036, 0.3010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

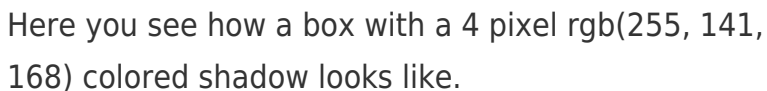
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 141, 168) }
```

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

```
.border{ border-color:rgb(255, 141, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 141, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 141, 168); box-shadow:4px 4px 4px 4px rgb(255, 141, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1369, 0.4036, 0.3010 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
141, 168) }
```

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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