

Converting Colors

Yxy(51.7397, 0.3954, 0.3058)

Have a look what the booklet for
Yxy(51.7397, 0.3954, 0.3058)
contains.

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Color

Yxy(49.0911, 0.3834, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EB6
RGB	255, 158, 182
RGB Percent	100%, 62%, 71%
CMY	0.0000, 0.3804, 0.2862
CMYK	0.00, 0.38, 0.29, 0.00
HSL	345°, 100%, 81%
HSV	345°, 38%, 100%
XYZ	61.9129, 49.0911, 50.4799
YIQ	189.7390, 50.1080, 28.0280

Conversions

Conversions Part 2

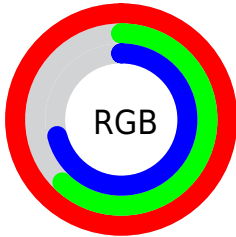
Format	Color
R_{YB}	255, 158, 182
Decimal	16752310
CIE _{Lab}	75.51, 39.00, 2.98
CIE _{LCh}	76, 39.111, 4.370
Yxy	49.0911, 0.3834, 0.3040
Android (android.graphics.Color)	4294942390 (0xFFFF9EB6)
YUV	189.7390, -3.8153, 57.2339
Hunter-Lab	70.0650, 35.1176, 6.3288

Details

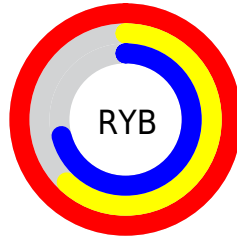
The Yxy color **49.0911, 0.3834, 0.3040** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5577, 0.2708, 0.3562**, and the grayscale version is **51.3368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5262, 0.3262, 0.3052**, and **23.4239, 0.4032, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **40.5376, 0.4125, 0.2978**, and if you desaturate by 10%, it is **59.5614, 0.3592, 0.3108**.

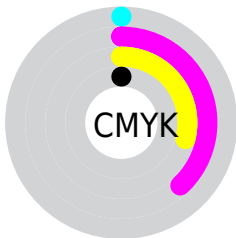
Distribution



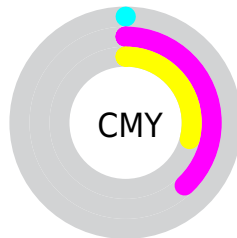
- Red (100%)
- Green (62%)
- Blue (71%)



- Red (100%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0911, 0.3834, 0.3040 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 49.0911, 0.3834, 0.3040 by changing the saturation by 10% instead.


 49.0911, 0.3834,
0.3040


 49.0911, 0.3834,
0.3040


383.1008, 0.3483,
0.3167

 34.6918, 0.3921,
0.3008


 88.8267, 0.3707,
0.3086

 23.4255, 0.4031,
0.2967


 114.9318, 0.3659,
0.3104

 14.9080, 0.4177,
0.2912


145.7076, 0.3619,
0.3118

 8.7549, 0.4379,
0.2835

181.5385, 0.3584,
0.3131

 4.5816, 0.4672,
0.2721

222.8089, 0.3553,
0.3142

 2.0040, 0.5136,
0.2534

269.9031, 0.3527,

 0.6098, 0.6199,

0.3151

0.2176

323.2056, 0.3504,
0.3159

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0911, 0.3834,
0.3040

49.0911, 0.3834,
0.3040

40.5376, 0.4125,
0.2978

59.5614, 0.3592,
0.3108

33.7789, 0.4466,
0.2929

72.0502, 0.3394,
0.3176

28.6869, 0.4846,
0.2903

86.6583, 0.3234,
0.3241

25.1143, 0.5243,
0.2912

100.0000, 0.3127,
0.3290

■ 22.8876, 0.5619,
0.2963

■ 21.7728, 0.5929,
0.3052

■ 21.6205, 0.5983,
0.3069

Harmonies

Analogous

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



49.0911, 0.3315, 0.2698



49.0911, 0.3834, 0.3040



49.0911, 0.4155, 0.3453

Triad

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



49.0911, 0.3834, 0.3040



49.0911, 0.3406, 0.4260



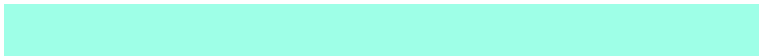
49.0911, 0.2177, 0.2613

Complementary

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



49.0911, 0.3834, 0.3040



84.5577, 0.2708, 0.3562

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.



49.0911, 0.2197, 0.2986



49.0911, 0.3834, 0.3040



49.0911, 0.2879, 0.4012

Square

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



49.0911, 0.3834, 0.3040



49.0911, 0.3881, 0.4178



49.0911, 0.2443, 0.3512



49.0911, 0.2380, 0.2448

Rectangle

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



49.0911, 0.3834, 0.3040



49.0911, 0.4198, 0.3732



49.0911, 0.2443, 0.3512



49.0911, 0.2158, 0.2715

Sweetspot

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



49.0929, 0.3834, 0.3040



82.1054, 0.3278, 0.3222



48.6220, 0.2973, 0.2289



17.1415, 0.3299, 0.3213



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.



49.0929, 0.3834, 0.3040



42.1317, 0.4062, 0.2990



57.2878, 0.3975, 0.3547



18.0608, 0.3255, 0.3231



11.3170, 0.5943, 0.3048



1.1184, 0.5629, 0.2874

Inverse Universe

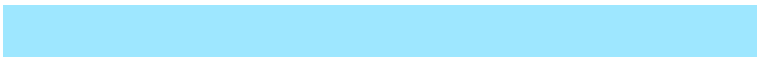
The Inverse Universe completely reimagines the original color for something new.



49.0929, 0.3834, 0.3040



42.1317, 0.4062, 0.2990



71.5016, 0.2555, 0.3012



18.0608, 0.3255, 0.3231



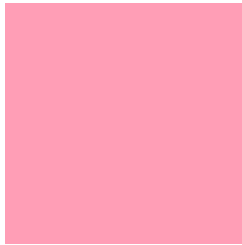
11.3170, 0.5943, 0.3048



1.1184, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 49.0911, 0.3834, 0.3040 looks on a white background.

Color Contrast Check

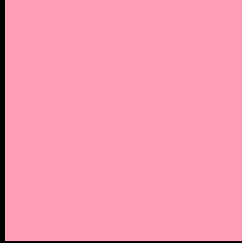
Large Text (above 18pt) WCAG AA × Fail

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 49.0911, 0.3834, 0.3040 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 49.0911, 0.3834, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 49.0911, 0.3834, 0.3040.



This preview shows how white text looks on a background with the Yxy color 49.0911, 0.3834, 0.3040.

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

49.0911, 0.3834, 0.3040

Protanopia

49.2142, 0.3036, 0.3126

Deuteranopia

49.2668, 0.3389, 0.3315



Tritanopia

49.1910, 0.3918, 0.3166

Trichromacy



Original Color

49.0911, 0.3834, 0.3040



Protanomaly

48.3146, 0.3304, 0.3087



Deuteranomaly

48.7673, 0.3550, 0.3210



Tritanomaly

49.0017, 0.3882, 0.3113

Monochromacy



Original Color

49.0911, 0.3834, 0.3040



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.7248, 0.3369, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0911, 0.3834, 0.3040 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, 158, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 182)  
}
```

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, 158, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.0911, 0.3834, 0.3040 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, 158, 182) }
```

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

```
.border{ border-color:rgb(255, 158, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0911, 0.3834, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 182) }
```

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

```
.background{ background-color: rgb(255,  
158, 182) }
```

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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