

Converting Colors

$Yxy(48.2006, 0.3839, 0.3036)$

Have a look what the booklet for
Yxy(48.2006, 0.3839, 0.3036)
contains.

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Color

Yxy(48.1840, 0.3841, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	FE9CB5
RGB	254, 156, 181
RGB Percent	100%, 61%, 71%
CMY	0.0039, 0.3882, 0.2902
CMYK	0.00, 0.39, 0.29, 0.00
HSL	345°, 98%, 80%
HSV	345°, 39%, 100%
XYZ	61.1009, 48.1840, 49.7907
YIQ	188.1520, 50.3830, 28.5510

Conversions

Conversions Part 2

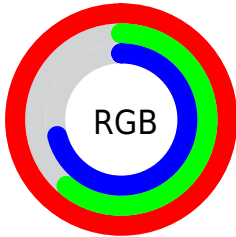
Format	Color
R_{YB}	254, 156, 181
Decimal	16686261
CIE _{Lab}	74.94, 39.54, 2.71
CIE _{LCh}	75, 39.632, 3.921
Yxy	48.1840, 0.3841, 0.3029
Android (android.graphics.Color)	4294876341 (0xFFFE9CB5)
YUV	188.1520, -3.5259, 57.7487
Hunter-Lab	69.4147, 35.6454, 6.0620

Details

The Yxy color **48.1840, 0.3841, 0.3029** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.6101, 0.2707, 0.3575**, and the grayscale version is **50.3806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4614, 0.3271, 0.3042**, and **22.8611, 0.4043, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **39.8094, 0.4131, 0.2965**, and if you desaturate by 10%, it is **58.4510, 0.3599, 0.3099**.

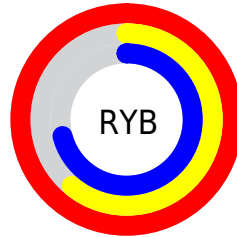
Distribution



Red (100%)

Green (61%)

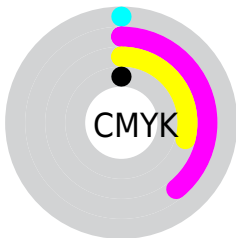
Blue (71%)



Red (100%)

Yellow (61%)

Blue (71%)

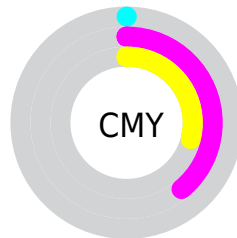


Cyan (0%)

Magenta (39%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1840, 0.3841, 0.3029 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 48.1840, 0.3841, 0.3029 by changing the saturation by 10% instead.


 48.1840, 0.3841,
0.3029


 48.1840, 0.3841,
0.3029


379.5210, 0.3485,
0.3161

 33.9726, 0.3929,
0.2996


 87.4783, 0.3712,
0.3077

 22.8726, 0.4042,
0.2953


 113.3300, 0.3664,
0.3096

 14.4994, 0.4191,
0.2895


143.8306, 0.3623,
0.3111

 8.4688, 0.4396,
0.2814

179.3645, 0.3587,
0.3124

 4.3964, 0.4697,
0.2694

220.3161, 0.3557,
0.3135

 1.8977, 0.5175,
0.2498

267.0698, 0.3530,

 0.5470, 0.6357,

0.3145

0.2091

320.0100, 0.3506,
0.3154

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1840, 0.3841,
0.3029

■ 48.1840, 0.3841,
0.3029

■ 39.8094, 0.4131,
0.2965

■ 58.4510, 0.3599,
0.3099

■ 33.2039, 0.4471,
0.2916

■ 70.7096, 0.3401,
0.3168

■ 28.2408, 0.4849,
0.2890

■ 85.0605, 0.3240,
0.3236

■ 24.7732, 0.5242,
0.2900

99.8107, 0.3121,
0.3290

■ 22.6277, 0.5613,
0.2953

■ 21.5597, 0.5921,
0.3044

■ 21.4495, 0.5960,
0.3057

Harmonies

Analogous

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



48.1840, 0.3310, 0.2683



48.1840, 0.3841, 0.3029



48.1840, 0.4173, 0.3448

Triad

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



48.1840, 0.3841, 0.3029



48.1840, 0.3418, 0.4281



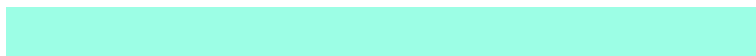
48.1840, 0.2159, 0.2604

Complementary

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



48.1840, 0.3841, 0.3029



83.6101, 0.2707, 0.3575

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.



48.1840, 0.2182, 0.2987



48.1840, 0.3841, 0.3029



48.1840, 0.2881, 0.4034

Square

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



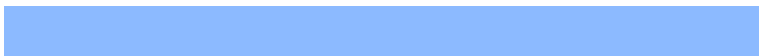
48.1840, 0.3841, 0.3029



48.1840, 0.3901, 0.4191



48.1840, 0.2435, 0.3525



48.1840, 0.2362, 0.2434

Rectangle

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



48.1840, 0.3841, 0.3029



48.1840, 0.4220, 0.3733



48.1840, 0.2435, 0.3525



48.1840, 0.2141, 0.2708

Sweetspot

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



48.1863, 0.3841, 0.3029



80.6242, 0.3292, 0.3213



47.4080, 0.2956, 0.2270



16.8465, 0.3312, 0.3204



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.



48.1863, 0.3841, 0.3029



42.1634, 0.4052, 0.2981



55.6606, 0.3998, 0.3534



18.0631, 0.3254, 0.3230



11.3285, 0.5920, 0.3035



1.1198, 0.5604, 0.2861

Inverse Universe

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



48.1863, 0.3841, 0.3029



42.1634, 0.4052, 0.2981



71.4518, 0.2551, 0.3027



18.0631, 0.3254, 0.3230



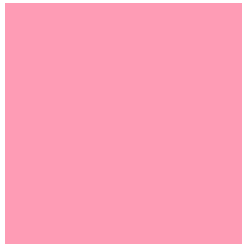
11.3285, 0.5920, 0.3035



1.1198, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 48.1840, 0.3841, 0.3029 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 48.1840, 0.3841, 0.3029 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 48.1840, 0.3841, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 48.1840, 0.3841, 0.3029.



This preview shows how white text looks on a background with the Yxy color 48.1840, 0.3841, 0.3029.

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

48.1840, 0.3841, 0.3029

Protanopia

48.6265, 0.3036, 0.3126

Deuteranopia

48.5363, 0.3382, 0.3315



Tritanopia

48.2386, 0.3936, 0.3165

Trichromacy



Original Color

48.1840, 0.3841, 0.3029



Protanomaly

47.7353, 0.3305, 0.3086



Deuteranomaly

48.0281, 0.3544, 0.3209



Tritanomaly

48.0526, 0.3899, 0.3112

Monochromacy



Original Color

48.1840, 0.3841, 0.3029



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.5505, 0.3372, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1840, 0.3841, 0.3029 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(254, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 156, 181)  
}
```

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(254, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 156, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.1840, 0.3841, 0.3029 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(254, 156, 181) }
```

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

```
.border{ border-color:rgb(254, 156, 181) }
```

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

Here you see how a box with a 4 pixel rgb(254, 156, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 156,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1840, 0.3841, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 156, 181) }
```

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

```
.background{ background-color: rgb(254,  
156, 181) }
```

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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