

Converting Colors

$Y_{xy}(48.1395, 0.3872, 0.3046)$

Have a look what the booklet for
Yxy(48.1395, 0.3872, 0.3046)
contains.

Yxy(48.2916, 0.3870, 0.3051)	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(48.2916, 0.3870, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CB3
RGB	255, 156, 179
RGB Percent	100%, 61%, 70%
CMY	0.0001, 0.3881, 0.2981
CMYK	0.00, 0.39, 0.30, 0.00
HSL	346°, 100%, 81%
HSV	346°, 39%, 100%
XYZ	61.2548, 48.2916, 48.7348
YIQ	188.2230, 51.6210, 28.1410

Conversions

Conversions Part 2

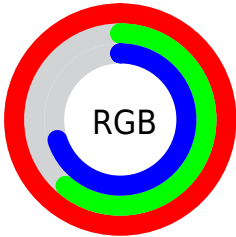
Format	Color
R _Y B	255, 156, 179
Decimal	16751795
CIE Lab	75.01, 39.61, 3.92
CIE LCh	75, 39.803, 5.657
Yxy	48.2916, 0.3870, 0.3051
Android (android.graphics.Color)	4294941875 (0xFFFF9CB3)
YUV	188.2230, -4.5469, 58.5634
Hunter-Lab	69.4922, 35.7300, 7.0645

Details

The Yxy color **48.2916, 0.3870, 0.3051** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3951, 0.2694, 0.3551**, and the grayscale version is **50.4291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3451, 0.3285, 0.3061**, and **22.9426, 0.4084, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **39.8779, 0.4172, 0.2994**, and if you desaturate by 10%, it is **58.6183, 0.3619, 0.3114**.

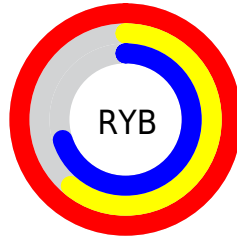
Distribution



Red (100%)

Green (61%)

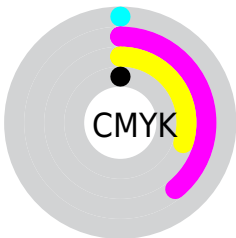
Blue (70%)



Red (100%)

Yellow (61%)

Blue (70%)

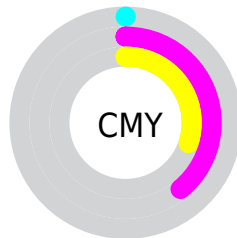


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2916, 0.3870, 0.3051 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 48.2916, 0.3870, 0.3051 by changing the saturation by 10% instead.


 48.2916, 0.3870,
0.3051

 48.2916, 0.3870,
0.3051

379.9468, 0.3500,
0.3174

 34.0579, 0.3962,
0.3020


 87.6384, 0.3736,
0.3096

 22.9381, 0.4079,
0.2979

 113.5203, 0.3685,
0.3113

 14.5478, 0.4234,
0.2925


144.0536, 0.3642,
0.3127

 8.5026, 0.4449,
0.2848

179.6229, 0.3606,
0.3139

 4.4182, 0.4762,
0.2732

220.6125, 0.3574,
0.3150

 1.9101, 0.5260,
0.2540

267.4067, 0.3546,

 0.5545, 0.6548,

0.3159

0.2165

320.3900, 0.3521,
0.3167

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2916, 0.3870,
0.3051

48.2916, 0.3870,
0.3051

39.8779, 0.4172,
0.2994

58.6183, 0.3619,
0.3114

33.2521, 0.4524,
0.2950

70.9589, 0.3413,
0.3178

28.2856, 0.4916,
0.2929

85.4154, 0.3247,
0.3239

24.8289, 0.5320,
0.2943

99.9935, 0.3127,
0.3290

■ 22.7056, 0.5695,
0.2997

■ 21.6622, 0.5997,
0.3085

■ 21.5711, 0.6029,
0.3095

Harmonies

Analogous

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



48.2916, 0.3343, 0.2698



48.2916, 0.3870, 0.3051



48.2916, 0.4187, 0.3473

Triad

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



48.2916, 0.3870, 0.3051



48.2916, 0.3388, 0.4280



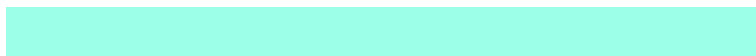
48.2916, 0.2162, 0.2585

Complementary

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



48.2916, 0.3870, 0.3051



84.3951, 0.2694, 0.3551

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.



48.2916, 0.2172, 0.2958



48.2916, 0.3870, 0.3051



48.2916, 0.2851, 0.4012

Square

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



48.2916, 0.3870, 0.3051



48.2916, 0.3880, 0.4207



48.2916, 0.2412, 0.3493



48.2916, 0.2378, 0.2428

Rectangle

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



48.2916, 0.3870, 0.3051



48.2916, 0.4221, 0.3758



48.2916, 0.2412, 0.3493



48.2916, 0.2139, 0.2686

Sweetspot

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



48.2939, 0.3870, 0.3051



80.5845, 0.3296, 0.3220



48.1397, 0.2982, 0.2272



16.8372, 0.3318, 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.



48.2939, 0.3870, 0.3051



41.2730, 0.4114, 0.3003



57.2792, 0.3991, 0.3570



18.0561, 0.3258, 0.3235



11.2936, 0.5990, 0.3073



1.1155, 0.5680, 0.2903

Inverse Universe

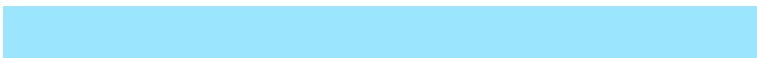
The Inverse Universe completely reimagines the original color for something new.



48.2939, 0.3870, 0.3051



41.2730, 0.4114, 0.3003



70.0961, 0.2542, 0.2986



18.0561, 0.3258, 0.3235



11.2936, 0.5990, 0.3073



1.1155, 0.5680, 0.2903

Previews

White Background



This preview shows how the Yxy color 48.2916, 0.3870, 0.3051 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 48.2916, 0.3870, 0.3051 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 48.2916, 0.3870, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 48.2916, 0.3870, 0.3051.



This preview shows how white text looks on a background with the Yxy color 48.2916, 0.3870, 0.3051.

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

48.2916, 0.3870, 0.3051

Protanopia

48.5354, 0.3051, 0.3151

Deuteranopia

48.6007, 0.3408, 0.3340



Tritanopia

48.3891, 0.3955, 0.3176

Trichromacy



Original Color

48.2916, 0.3870, 0.3051



Protanomaly

47.6479, 0.3322, 0.3110



Deuteranomaly

48.1077, 0.3571, 0.3233



Tritanomaly

48.2019, 0.3918, 0.3123

Monochromacy



Original Color

48.2916, 0.3870, 0.3051



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 48.2916, 0.3870, 0.3051 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.2916, 0.3870, 0.3051 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, 179) }
```

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

```
.border{ border-color:rgb(255, 156, 179) }
```

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, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2916, 0.3870, 0.3051 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
156, 179) }
```

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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