

Converting Colors

Yxy(39.2161, 0.4141, 0.2925)

Have a look what the booklet for
Yxy(39.2161, 0.4141, 0.2925)
contains.

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Color

Yxy(39.0831, 0.4144, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FA3
RGB	255, 127, 163
RGB Percent	100%, 50%, 64%
CMY	0.0000, 0.5020, 0.3608
CMYK	0.00, 0.50, 0.36, 0.00
HSL	343°, 100%, 75%
HSV	343°, 50%, 100%
XYZ	55.4469, 39.0831, 39.2704
YIQ	169.3760, 64.7320, 38.3320

Conversions

Conversions Part 2

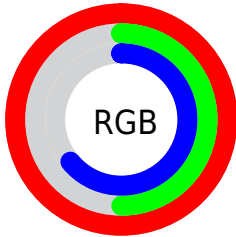
Format	Color
RYB	255, 127, 163
Decimal	16744355
CIELab	68.81, 52.22, 3.86
CIElCh	69, 52.358, 4.231
Yxy	39.0831, 0.4144, 0.2921
Android (android.graphics.Color)	4294934435 (0xFFFF7FA3)
YUV	169.3760, -3.1434, 75.0922
Hunter-Lab	62.5165, 48.9107, 6.5179

Details

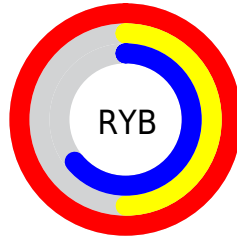
The Yxy color **39.0831, 0.4144, 0.2921** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.1453, 0.2627, 0.3721**, and the grayscale version is **39.8598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1889, 0.3451, 0.2933**, and **17.5370, 0.4443, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **32.6969, 0.4476, 0.2868**, and if you desaturate by 10%, it is **47.2253, 0.3857, 0.2990**.

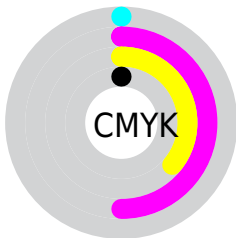
Distribution



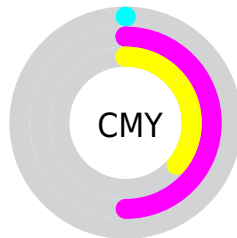
- Red (100%)
- Green (50%)
- Blue (64%)



- Red (100%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0831, 0.4144, 0.2921 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 39.0831, 0.4144, 0.2921 by changing the saturation by 10% instead.

 39.0831, 0.4144,
0.2921


 39.0831, 0.4144,
0.2921

342.2437, 0.3621,
0.3116


 26.8244, 0.4278,
0.2870


 73.7653, 0.3951,
0.2994

 17.4414, 0.4453,
0.2802


 96.9575, 0.3879,
0.3021

 10.5497, 0.4688,
0.2709


 124.5630, 0.3819,
0.3043

 5.7649, 0.5019,
0.2576

156.9662, 0.3768,
0.3062

 2.7027, 0.5517,
0.2370

194.5514, 0.3723,
0.3078

 0.9785, 0.6339,
0.2023

237.7032, 0.3685,

 0.0000, 1.0000,

0.3092

0.0000

286.8058, 0.3651,
0.3105

■ 0.0000, 0.0000,
0.0000

■ 39.0831, 0.4144,
0.2921

■ 39.0831, 0.4144,
0.2921

■ 32.6969, 0.4476,
0.2868

■ 47.2253, 0.3857,
0.2990

■ 27.9427, 0.4844,
0.2843

■ 57.2505, 0.3617,
0.3066

■ 24.6664, 0.5224,
0.2857

■ 69.2643, 0.3420,
0.3144

■ 22.6877, 0.5581,
0.2916

■ 83.3668, 0.3260,
0.3218

■ 21.7244, 0.5875,
0.3010

■ 99.6512, 0.3129,
0.3289

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



39.0831, 0.3379, 0.2470



39.0831, 0.4144, 0.2921



39.0831, 0.4610, 0.3467

Triad

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



39.0831, 0.4144, 0.2921



39.0831, 0.3487, 0.4720



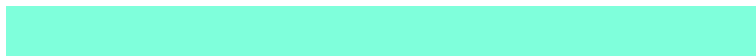
39.0831, 0.1822, 0.2324

Complementary

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



39.0831, 0.4144, 0.2921



81.1453, 0.2627, 0.3721

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.



39.0831, 0.1840, 0.2825



39.0831, 0.4144, 0.2921



39.0831, 0.2751, 0.4379

Square

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



39.0831, 0.4144, 0.2921



39.0831, 0.4166, 0.4525



39.0831, 0.2156, 0.3602



39.0831, 0.2086, 0.2127

Rectangle

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



39.0831, 0.4144, 0.2921



39.0831, 0.4655, 0.3848



39.0831, 0.2156, 0.3602



39.0831, 0.1796, 0.2456

Sweetspot

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



39.0803, 0.4144, 0.2921



76.3311, 0.3333, 0.3183



37.4143, 0.2866, 0.1958



15.7101, 0.3367, 0.3167



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.



39.0803, 0.4144, 0.2921



32.8082, 0.4469, 0.2869



46.1433, 0.4403, 0.3580



18.0711, 0.3250, 0.3223



11.3732, 0.5834, 0.2987



1.1251, 0.5514, 0.2811

Inverse Universe

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



39.0803, 0.4144, 0.2921



32.8082, 0.4469, 0.2869



66.8141, 0.2407, 0.2959



18.0711, 0.3250, 0.3223



11.3732, 0.5834, 0.2987



1.1251, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 39.0831, 0.4144, 0.2921 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 39.0831, 0.4144, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

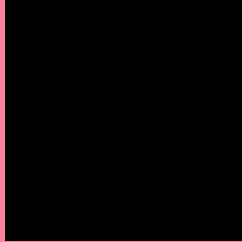
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0831, 0.4144, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 39.0831, 0.4144, 0.2921.



This preview shows how white text looks on a background with the Yxy color 39.0831, 0.4144, 0.2921.

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

39.0831, 0.4144, 0.2921

Protanopia

39.3323, 0.2953, 0.3016

Deuteranopia

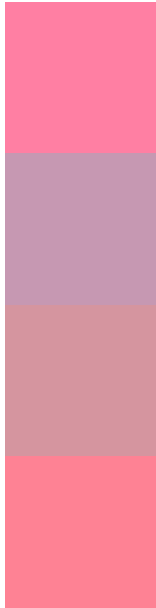
39.0938, 0.3435, 0.3358



Tritanopia

39.0087, 0.4377, 0.3200

Trichromacy



Original Color

39.0831, 0.4144, 0.2921

Protanomaly

37.6766, 0.3341, 0.2958

Deuteranomaly

38.1442, 0.3691, 0.3168

Tritanomaly

39.1742, 0.4298, 0.3107

Monochromacy



Original Color

39.0831, 0.4144, 0.2921

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.1806, 0.3465, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0831, 0.4144, 0.2921 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, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 163)  
}
```

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, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.0831, 0.4144, 0.2921 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, 127, 163) }
```

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

```
.border{ border-color:rgb(255, 127, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0831, 0.4144, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 163) }
```

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

```
.background{ background-color: rgb(255,  
127, 163) }
```

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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