

Converting Colors

$Y_{xy}(39.3142, 0.4109, 0.2897)$

Have a look what the booklet for
Yxy(39.3142, 0.4109, 0.2897)
contains.

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Color

Yxy(39.1919, 0.4108, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FA6
RGB	255, 127, 166
RGB Percent	100%, 50%, 65%
CMY	0.0001, 0.5019, 0.3490
CMYK	0.00, 0.50, 0.35, 0.00
HSL	342°, 100%, 75%
HSV	342°, 50%, 100%
XYZ	55.7095, 39.1919, 40.7108
YIQ	169.7180, 63.7690, 39.2650

Conversions

Conversions Part 2

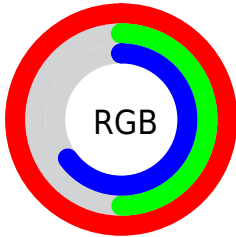
Format	Color
R _{YB}	255, 127, 166
Decimal	16744358
CIE _{Lab}	68.89, 52.53, 2.28
CIE _{LCh}	69, 52.584, 2.484
Yxy	39.1919, 0.4108, 0.2890
Android (android.graphics.Color)	4294934438 (0xFFFF7FA6)
YUV	169.7180, -1.8330, 74.7923
Hunter-Lab	62.6034, 49.2873, 5.2664

Details

The Yxy color **39.1919, 0.4108, 0.2890** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.9819, 0.2641, 0.3758**, and the grayscale version is **40.0389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3474, 0.3426, 0.2903**, and **17.4517, 0.4413, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **32.8127, 0.4427, 0.2832**, and if you desaturate by 10%, it is **47.3311, 0.3832, 0.2965**.

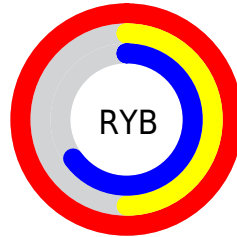
Distribution



Red (100%)

Green (50%)

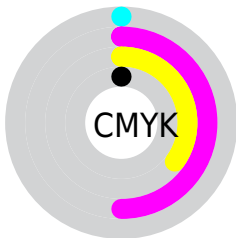
Blue (65%)



Red (100%)

Yellow (50%)

Blue (65%)

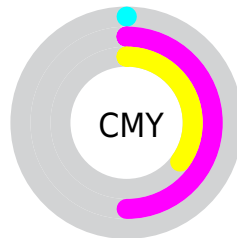


Cyan (0%)

Magenta (50%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1919, 0.4108, 0.2890 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 39.1919, 0.4108, 0.2890 by changing the saturation by 10% instead.


 39.1919, 0.4108,
0.2890


 39.1919, 0.4108,
0.2890


342.7057, 0.3604,
0.3098


 26.9090, 0.4237,
0.2836


 73.9314, 0.3922,
0.2967

 17.5049, 0.4405,
0.2765


 97.1568, 0.3853,
0.2996

 10.5951, 0.4630,
0.2669


 124.7985, 0.3795,
0.3020

 5.7953, 0.4947,
0.2532

157.2410, 0.3746,
0.3040

 2.7210, 0.5424,
0.2323

194.8685, 0.3703,
0.3058

 0.9879, 0.6203,
0.1974

238.0655, 0.3666,

 0.0000, 1.0000,

0.3073

0.0000

287.2165, 0.3633,
0.3086

■ 0.0000, 0.0000,
0.0000

■ 39.1919, 0.4108,
0.2890

■ 39.1919, 0.4108,
0.2890

■ 32.8127, 0.4427,
0.2832

■ 47.3311, 0.3832,
0.2965

■ 28.0555, 0.4782,
0.2801

■ 57.3426, 0.3601,
0.3048

■ 24.7717, 0.5150,
0.2812

■ 69.3363, 0.3411,
0.3131

■ 22.7816, 0.5499,
0.2870

■ 83.4119, 0.3256,
0.3212

■ 21.8032, 0.5794,
0.2966

99.6623, 0.3129,
0.3289

99.9974, 0.3127,
0.3290

Harmonies

Analogous

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



39.1919, 0.3332, 0.2446



39.1919, 0.4108, 0.2890



39.1919, 0.4601, 0.3434

Triad

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



39.1919, 0.4108, 0.2890



39.1919, 0.3531, 0.4727



39.1919, 0.1811, 0.2342

Complementary

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



39.1919, 0.4108, 0.2890



80.9819, 0.2641, 0.3758

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.



39.1919, 0.1846, 0.2862



39.1919, 0.4108, 0.2890



39.1919, 0.2790, 0.4419

Square

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



39.1919, 0.4108, 0.2890



39.1919, 0.4203, 0.4505



39.1919, 0.2181, 0.3653



39.1919, 0.2060, 0.2127

Rectangle

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



39.1919, 0.4108, 0.2890



39.1919, 0.4665, 0.3816



39.1919, 0.2181, 0.3653



39.1919, 0.1791, 0.2480

Sweetspot

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



39.1939, 0.4108, 0.2890



76.3809, 0.3326, 0.3174



36.7678, 0.2829, 0.1944



15.7219, 0.3360, 0.3157



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.



39.1939, 0.4108, 0.2890



32.9207, 0.4421, 0.2832



44.7554, 0.4428, 0.3536



18.0782, 0.3246, 0.3218



11.4172, 0.5752, 0.2942



1.1301, 0.5432, 0.2766

Inverse Universe

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



39.1939, 0.4108, 0.2890



32.9207, 0.4421, 0.2832



69.1786, 0.2417, 0.3011



18.0782, 0.3246, 0.3218



11.4172, 0.5752, 0.2942



1.1301, 0.5432, 0.2766

Previews

White Background



This preview shows how the Yxy color 39.1919, 0.4108, 0.2890 looks on a white background.

Color Contrast Check

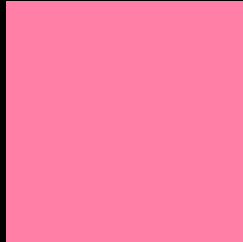
Large Text (above 18pt) WCAG AA × Fail

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 39.1919, 0.4108, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

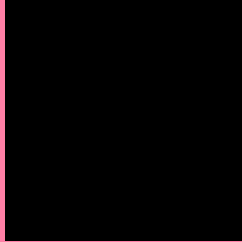
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1919, 0.4108, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 39.1919, 0.4108, 0.2890.



This preview shows how white text looks on a background with the Yxy color 39.1919, 0.4108, 0.2890.

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

39.1919, 0.4108, 0.2890

Protanopia

39.3545, 0.2921, 0.2976

Deuteranopia

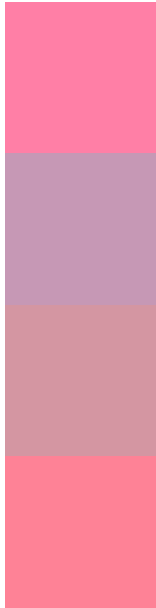
39.4238, 0.3395, 0.3331



Tritanopia

39.3083, 0.4361, 0.3200

Trichromacy



Original Color

39.1919, 0.4108, 0.2890

Protanomaly

37.7984, 0.3312, 0.2921

Deuteranomaly

38.4184, 0.3647, 0.3143

Tritanomaly

39.2381, 0.4275, 0.3086

Monochromacy



Original Color

39.1919, 0.4108, 0.2890

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.3933, 0.3455, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1919, 0.4108, 0.2890 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.1919, 0.4108, 0.2890 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, 166) }
```

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

```
.border{ border-color:rgb(255, 127, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1919, 0.4108, 0.2890 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
127, 166) }
```

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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