

Converting Colors

Yxy(39.5581, 0.4033, 0.2830)

Have a look what the booklet for
Yxy(39.5581, 0.4033, 0.2830)
contains.

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Color

Yxy(39.4173, 0.4038, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	FF7FAC
RGB	255, 127, 172
RGB Percent	100%, 50%, 67%
CMY	0.0000, 0.5020, 0.3254
CMYK	0.00, 0.50, 0.33, 0.00
HSL	339°, 100%, 75%
HSV	339°, 50%, 100%
XYZ	56.2826, 39.4173, 43.6824
YIQ	170.4020, 61.8430, 41.1310

Conversions

Conversions Part 2

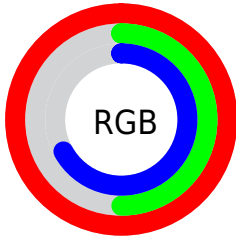
Format	Color
R _{YB}	255, 127, 172
Decimal	16744364
CIE Lab	69.05, 53.26, -0.86
CIE LCh	69, 53.272, 359.070
Yxy	39.4173, 0.4038, 0.2828
Android (android.graphics.Color)	4294934444 (0xFFFF7FAC)
YUV	170.4020, 0.7878, 74.1924
Hunter-Lab	62.7832, 50.1473, 2.6963

Details

The Yxy color **39.4173, 0.4038, 0.2828** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.6829, 0.2668, 0.3835**, and the grayscale version is **40.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6730, 0.3377, 0.2845**, and **17.5929, 0.4308, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **33.0460, 0.4332, 0.2758**, and if you desaturate by 10%, it is **47.5307, 0.3784, 0.2915**.

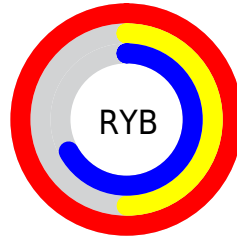
Distribution



Red (100%)

Green (50%)

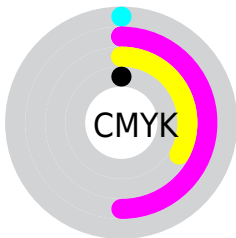
Blue (67%)



Red (100%)

Yellow (50%)

Blue (67%)

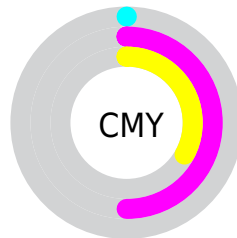


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4173, 0.4038, 0.2828 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 39.4173, 0.4038, 0.2828 by changing the saturation by 10% instead.

 39.4173, 0.4038,
0.2828


 39.4173, 0.4038,
0.2828


343.6614, 0.3573,
0.3063


 27.0845, 0.4157,
0.2768


 74.2754, 0.3867,
0.2914

 17.6367, 0.4310,
0.2691


 97.5695, 0.3803,
0.2946

 10.6895, 0.4516,
0.2588


 125.2861, 0.3750,
0.2974

 5.8584, 0.4806,
0.2444

157.8097, 0.3704,
0.2997

 2.7592, 0.5240,
0.2228

195.5246, 0.3664,
0.3017

 1.0073, 0.5948,
0.1880

238.8153, 0.3630,

 0.0000, 1.0000,

0.3034

0.0000

288.0661, 0.3600,
0.3050

■ 0.0000, 0.0000,
0.0000

■ 39.4173, 0.4038,
0.2828

■ 39.4173, 0.4038,
0.2828

■ 33.0460, 0.4332,
0.2758

■ 47.5307, 0.3784,
0.2915

■ 28.2906, 0.4658,
0.2718

■ 57.5087, 0.3570,
0.3011

■ 24.9993, 0.4999,
0.2720

■ 69.4570, 0.3393,
0.3107

■ 22.9935, 0.5330,
0.2774

■ 83.4746, 0.3248,
0.3200

■ 21.9932, 0.5620,
0.2869

■ 99.6541, 0.3129,
0.3288

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.



39.4173, 0.3241, 0.2397



39.4173, 0.4038, 0.2828



39.4173, 0.4583, 0.3369

Triad

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



39.4173, 0.4038, 0.2828



39.4173, 0.3618, 0.4741



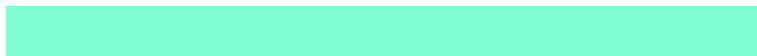
39.4173, 0.1789, 0.2375

Complementary

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



39.4173, 0.4038, 0.2828



80.6829, 0.2668, 0.3835

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.



39.4173, 0.1857, 0.2936



39.4173, 0.4038, 0.2828



39.4173, 0.2868, 0.4498

Square

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



39.4173, 0.4038, 0.2828



39.4173, 0.4276, 0.4468



39.4173, 0.2228, 0.3755



39.4173, 0.2007, 0.2127

Rectangle

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



39.4173, 0.4038, 0.2828



39.4173, 0.4686, 0.3753



39.4173, 0.2228, 0.3755



39.4173, 0.1779, 0.2527

Sweetspot

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



39.4157, 0.4038, 0.2828



76.4817, 0.3314, 0.3156



35.8153, 0.2774, 0.1923



15.7460, 0.3345, 0.3136



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.



39.4157, 0.4038, 0.2828



33.1571, 0.4325, 0.2759



42.7563, 0.4467, 0.3469



18.0926, 0.3239, 0.3207



11.5174, 0.5576, 0.2846



1.1412, 0.5261, 0.2672

Inverse Universe

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



39.4157, 0.4038, 0.2828



33.1571, 0.4325, 0.2759



72.8408, 0.2432, 0.3089



18.0926, 0.3239, 0.3207



11.5174, 0.5576, 0.2846



1.1412, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 39.4173, 0.4038, 0.2828 looks on a white background.

Color Contrast Check

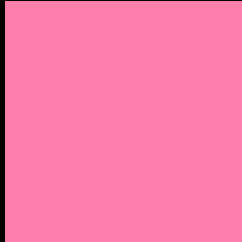
Large Text (above 18pt) WCAG AA × Fail

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 39.4173, 0.4038, 0.2828 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 39.4173, 0.4038, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 39.4173, 0.4038, 0.2828.



This preview shows how white text looks on a background with the Yxy color 39.4173, 0.4038, 0.2828.

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

39.4173, 0.4038, 0.2828

Protanopia

39.8230, 0.2851, 0.2897

Deuteranopia

39.3867, 0.3320, 0.3250



Tritanopia

39.4235, 0.4335, 0.3199

Trichromacy



Original Color

39.4173, 0.4038, 0.2828



Protanomaly

38.1491, 0.3225, 0.2846



Deuteranomaly

38.4887, 0.3575, 0.3068



Tritanomaly

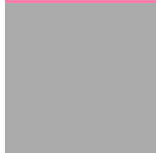
39.4152, 0.4226, 0.3063

Monochromacy



Original Color

39.4173, 0.4038, 0.2828



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.4690, 0.3435, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4173, 0.4038, 0.2828 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.4173, 0.4038, 0.2828 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, 172) }
```

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

```
.border{ border-color:rgb(255, 127, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 127, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 127, 172); box-shadow:4px 4px 4px 4px rgb(255, 127, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4173, 0.4038, 0.2828 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
127, 172) }
```

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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