

Converting Colors

$Y_{xy}(39.3444, 0.4038, 0.2859)$

Have a look what the booklet for
Yxy(39.3444, 0.4038, 0.2859)
contains.

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Color

Yxy(39.2233, 0.4039, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	FD80AA
RGB	253, 128, 170
RGB Percent	99%, 50%, 67%
CMY	0.0077, 0.4981, 0.3334
CMYK	0.00, 0.49, 0.33, 0.01
HSL	340°, 97%, 75%
HSV	340°, 49%, 99%
XYZ	55.4896, 39.2233, 42.6717
YIQ	170.1630, 61.0180, 39.5620

Conversions

Conversions Part 2

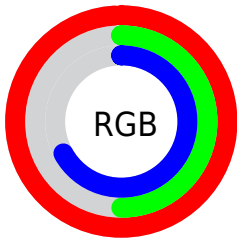
Format	Color
R_{YB}	253, 128, 170
Decimal	16613546
CIE _{Lab}	68.91, 51.89, 0.04
CIE _{LCh}	69, 51.886, 0.045
Yxy	39.2233, 0.4039, 0.2855
Android (android.graphics.Color)	4294803626 (0xFFFD80AA)
YUV	170.1630, -0.0804, 72.6480
Hunter-Lab	62.6285, 48.5533, 3.4430

Details

The Yxy color **39.2233, 0.4039, 0.2855** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.5609, 0.2664, 0.3799**, and the grayscale version is **40.2612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9772, 0.3392, 0.2874**, and **17.5430, 0.4308, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **32.8322, 0.4338, 0.2787**, and if you desaturate by 10%, it is **47.3450, 0.3781, 0.2939**.

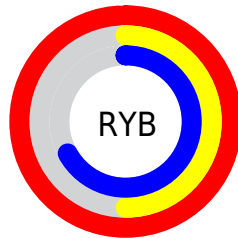
Distribution



Red (99%)

Green (50%)

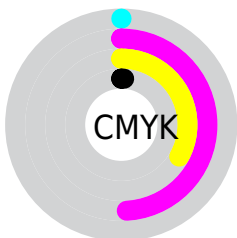
Blue (67%)



Red (99%)

Yellow (50%)

Blue (67%)

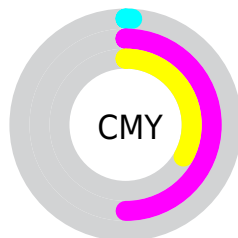


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (1%)



Cyan (1%)


Magenta (50%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2233, 0.4039, 0.2855 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 39.2233, 0.4039, 0.2855 by changing the saturation by 10% instead.


 39.2233, 0.4039,
0.2855


 39.2233, 0.4039,
0.2855


342.8389, 0.3572,
0.3078


 26.9335, 0.4158,
0.2798


 73.9793, 0.3867,
0.2937

 17.5233, 0.4313,
0.2724


 97.2143, 0.3803,
0.2968

 10.6083, 0.4521,
0.2625


 124.8665, 0.3749,
0.2993

 5.8041, 0.4815,
0.2485

157.3202, 0.3703,
0.3015

 2.7263, 0.5256,
0.2274

194.9600, 0.3664,
0.3034

 0.9906, 0.5979,
0.1928

238.1701, 0.3629,


 0.0000, 1.0000,


0.3051


0.0000

287.3349, 0.3599,
0.3065


 0.0000, 0.0000,
0.0000


 39.2233, 0.4039,
0.2855


 39.2233, 0.4039,
0.2855


 32.8322, 0.4338,
0.2787

 47.3450, 0.3781,
0.2939


 28.0380, 0.4672,
0.2748

 57.3061, 0.3565,
0.3031

 24.6970, 0.5022,
0.2749

 69.2134, 0.3386,
0.3122

 22.6364, 0.5362,
0.2800

 83.1636, 0.3240,
0.3211

 21.5914, 0.5663,
0.2896

99.2473, 0.3121,
0.3295

■ 21.5437, 0.5679,
0.2902

99.6279, 0.3115,
0.3290

Harmonies

Analogous

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



39.2233, 0.3265, 0.2427



39.2233, 0.4039, 0.2855



39.2233, 0.4558, 0.3389

Triad

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



39.2233, 0.4039, 0.2855



39.2233, 0.3587, 0.4706



39.2233, 0.1818, 0.2384

Complementary

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



39.2233, 0.4039, 0.2855



79.5609, 0.2664, 0.3799

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.



39.2233, 0.1877, 0.2925



39.2233, 0.4039, 0.2855



39.2233, 0.2853, 0.4447

Square

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



39.2233, 0.4039, 0.2855



39.2233, 0.4236, 0.4458



39.2233, 0.2233, 0.3717



39.2233, 0.2042, 0.2148

Rectangle

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



39.2233, 0.4039, 0.2855



39.2233, 0.4649, 0.3766



39.2233, 0.2233, 0.3717



39.2233, 0.1806, 0.2530

Sweetspot

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



39.2253, 0.4039, 0.2855



76.4476, 0.3318, 0.3162



36.1230, 0.2799, 0.1951



15.7379, 0.3350, 0.3143



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.



39.2253, 0.4039, 0.2855



33.6412, 0.4326, 0.2789



43.2342, 0.4423, 0.3489



18.0877, 0.3241, 0.3210



11.4818, 0.5637, 0.2879



1.1373, 0.5319, 0.2704

Inverse Universe

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



39.2253, 0.4039, 0.2855



33.6412, 0.4326, 0.2789



70.6826, 0.2436, 0.3067



18.0877, 0.3241, 0.3210



11.4818, 0.5637, 0.2879



1.1373, 0.5319, 0.2704

Previews

White Background



This preview shows how the Yxy color 39.2233, 0.4039, 0.2855 looks on a white background.

Color Contrast Check

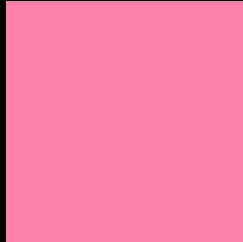
Large Text (above 18pt) WCAG AA × Fail

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 39.2233, 0.4039, 0.2855 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 39.2233, 0.4039, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 39.2233, 0.4039, 0.2855.



This preview shows how white text looks on a background with the Yxy color 39.2233, 0.4039, 0.2855.

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

39.2233, 0.4039, 0.2855

Protanopia

39.4250, 0.2881, 0.2923

Deuteranopia

39.3138, 0.3338, 0.3277



Tritanopia

39.2675, 0.4314, 0.3188

Trichromacy



Original Color

39.2233, 0.4039, 0.2855



Protanomaly

38.0210, 0.3253, 0.2882



Deuteranomaly

38.2675, 0.3585, 0.3092



Tritanomaly

39.2280, 0.4216, 0.3062

Monochromacy



Original Color

39.2233, 0.4039, 0.2855



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.6243, 0.3433, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2233, 0.4039, 0.2855 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(253, 128, 170)` looks like.

```
.text, #text, p{  
    color:rgb(253, 128, 170)  
}
```

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(253, 128, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 128, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.2233, 0.4039, 0.2855 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(253, 128, 170) }
```

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

```
.border{ border-color:rgb(253, 128, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 128, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 128, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 128, 170);  
box-shadow:4px 4px 4px 4px rgb(253, 128,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2233, 0.4039, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 128, 170) }
```

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

```
.background{ background-color: rgb(253,  
128, 170) }
```

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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