

Converting Colors

Yxy(39.4533, 0.3713, 0.2670)

Have a look what the booklet for
Yxy(39.4533, 0.3713, 0.2670)
contains.

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Color

Yxy(39.4533, 0.3713, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	F484BE
RGB	244, 132, 190
RGB Percent	96%, 52%, 75%
CMY	0.0430, 0.4824, 0.2548
CMYK	0.00, 0.46, 0.22, 0.04
HSL	329°, 84%, 74%
HSV	329°, 46%, 96%
XYZ	54.8652, 39.4533, 53.4467
YIQ	172.1000, 48.1340, 41.7820

Conversions

Conversions Part 2

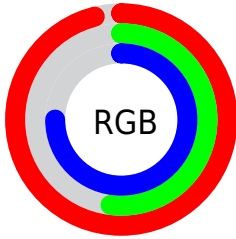
Format	Color
R _Y B	244, 132, 190
Decimal	16024766
CIE Lab	69.08, 49.60, -11.08
CIE LCh	69, 50.821, 347.407
Yxy	39.4533, 0.3713, 0.2670
Android (android.graphics.Color)	4294214846 (0xFFFF484BE)
YUV	172.1000, 8.8247, 63.0563
Hunter-Lab	62.8119, 45.9963, -6.4816

Details

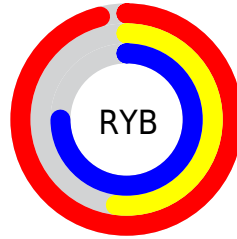
The Yxy color **39.4533, 0.3713, 0.2670** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.1747, 0.2791, 0.4025**, and the grayscale version is **41.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4545, 0.3225, 0.2705**, and **17.5692, 0.3868, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **33.1002, 0.3907, 0.2551**, and if you desaturate by 10%, it is **47.3995, 0.3544, 0.2804**.

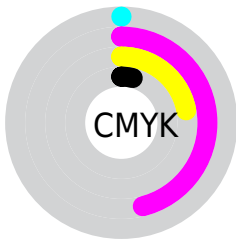
Distribution



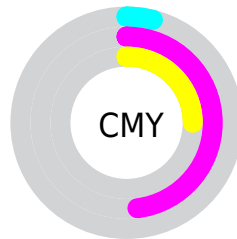
- Red (96%)
- Green (52%)
- Blue (75%)



- Red (96%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4533, 0.3713, 0.2670 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 39.4533, 0.3713, 0.2670 by changing the saturation by 10% instead.

 39.4533, 0.3713,
0.2670


 39.4533, 0.3713,
0.2670

343.8139, 0.3420,
0.2973


 27.1125, 0.3786,
0.2597


 74.3303, 0.3607,
0.2778

 17.6578, 0.3879,
0.2504


 97.6353, 0.3567,
0.2820

 10.7046, 0.4003,
0.2384


 125.3639, 0.3533,
0.2855

 5.8685, 0.4174,
0.2220

157.9004, 0.3504,
0.2885

 2.7653, 0.4426,
0.1988

195.6293, 0.3479,
0.2911

 1.0105, 0.4830,
0.1637

238.9349, 0.3457,

 0.0000, 0.6329,

0.2934

0.0000

288.2016, 0.3438,
0.2955

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4533, 0.3713,
0.2670

■ 39.4533, 0.3713,
0.2670

■ 33.1002, 0.3907,
0.2551

■ 47.3995, 0.3544,
0.2804

■ 28.2238, 0.4124,
0.2458

■ 57.0329, 0.3400,
0.2943

■ 24.7013, 0.4356,
0.2404

■ 68.4471, 0.3279,
0.3082

■ 22.3869, 0.4595,
0.2400

■ 81.7271, 0.3178,
0.3215

■ 21.1003, 0.4827,
0.2452

■ 96.9524, 0.3095,
0.3340

■ 20.7567, 0.4919,
0.2483

■ 97.9803, 0.3060,
0.3290

Harmonies

Analogous

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



39.4533, 0.2944, 0.2315



39.4533, 0.3713, 0.2670



39.4533, 0.4361, 0.3161

Triad

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



39.4533, 0.3713, 0.2670



39.4533, 0.3869, 0.4622



39.4533, 0.1833, 0.2591

Complementary

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



39.4533, 0.3713, 0.2670



73.1747, 0.2791, 0.4025

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.



39.4533, 0.2013, 0.3242



39.4533, 0.3713, 0.2670



39.4533, 0.3162, 0.4594

Square

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



39.4533, 0.3713, 0.2670



39.4533, 0.4413, 0.4246



39.4533, 0.2483, 0.4041



39.4533, 0.1937, 0.2234

Rectangle

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



39.4533, 0.3713, 0.2670



39.4533, 0.4584, 0.3526



39.4533, 0.2483, 0.4041



39.4533, 0.1860, 0.2777

Sweetspot

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



39.4552, 0.3713, 0.2670



78.2404, 0.3259, 0.3107



33.2548, 0.2654, 0.1987



16.1081, 0.3282, 0.3078



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.



39.4552, 0.3713, 0.2670



37.0689, 0.3891, 0.2559



37.5063, 0.4336, 0.3253



16.6259, 0.3212, 0.3168



11.3099, 0.4885, 0.2464



1.0148, 0.4617, 0.2317

Inverse Universe

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



39.4552, 0.3713, 0.2670



37.0689, 0.3891, 0.2559



75.9388, 0.2530, 0.3332



16.6259, 0.3212, 0.3168



11.3099, 0.4885, 0.2464



1.0148, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 39.4533, 0.3713, 0.2670 looks on a white background.

Color Contrast Check

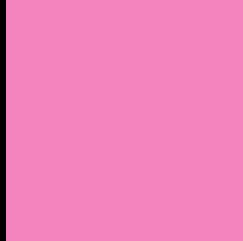
Large Text (above 18pt) WCAG AA × Fail

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 39.4533, 0.3713, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

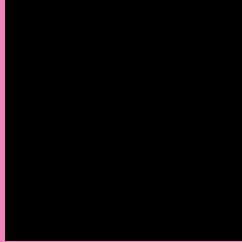
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4533, 0.3713, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 39.4533, 0.3713, 0.2670.



This preview shows how white text looks on a background with the Yxy color 39.4533, 0.3713, 0.2670.

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

39.4533, 0.3713, 0.2670

Protanopia

39.7616, 0.2688, 0.2669

Deuteranopia

39.4766, 0.3085, 0.3023



Tritanopia

39.4834, 0.4095, 0.3182

Trichromacy



Original Color

39.4533, 0.3713, 0.2670



Protanomaly

38.3378, 0.3009, 0.2648



Deuteranomaly

38.5582, 0.3303, 0.2865



Tritanomaly

39.3087, 0.3947, 0.2983

Monochromacy



Original Color

39.4533, 0.3713, 0.2670



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.3744, 0.3324, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4533, 0.3713, 0.2670 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(244, 132, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 132, 190)  
}
```

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(244, 132, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 132, 190) }
```

Border

The CSS property to change the border of an element to Yxy 39.4533, 0.3713, 0.2670 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(244, 132, 190) }
```

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

```
.border{ border-color:rgb(244, 132, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 132, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 132, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 132, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 132,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4533, 0.3713, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 132, 190) }
```

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

```
.background{ background-color: rgb(244,  
132, 190) }
```

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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