

Converting Colors

$Yxy(39.1407, 0.3539, 0.2295)$

Have a look what the booklet for
Yxy(39.1407, 0.3539, 0.2295)
contains.

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Color

Yxy(39.0971, 0.3534, 0.2288)

Conversions

Conversions Part 1

Format	Color
Hex	FF75DB
RGB	255, 117, 219
RGB Percent	100%, 46%, 86%
CMY	0.0000, 0.5412, 0.1411
CMYK	0.00, 0.54, 0.14, 0.00
HSL	316°, 100%, 73%
HSV	316°, 54%, 100%
XYZ	60.3886, 39.0971, 71.3932
YIQ	169.8900, 49.5060, 60.9780

Conversions

Conversions Part 2

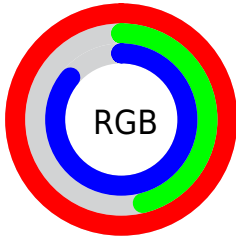
Format	Color
RYB	255, 117, 219
Decimal	16741851
CIELab	68.82, 64.23, -27.51
CIELCh	69, 69.874, 336.817
Yxy	39.0971, 0.3534, 0.2288
Android (android.graphics.Color)	4294931931 (0xFFFF75DB)
YUV	169.8900, 24.2112, 74.6415
Hunter-Lab	62.5277, 62.9701, -23.9271

Details

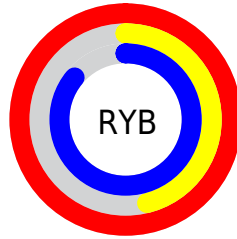
The Yxy color **39.0971, 0.3534, 0.2288** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.6008, 0.2891, 0.4592**, and the grayscale version is **40.0013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7521, 0.3164, 0.2498**, and **17.4104, 0.3618, 0.2047** is the 20% darker color. If you saturate the color by 10%, you get **33.6007, 0.3638, 0.2146**, and if you desaturate by 10%, it is **46.2291, 0.3438, 0.2457**.

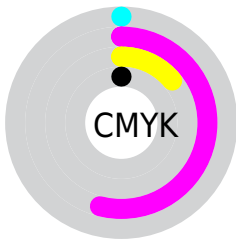
Distribution



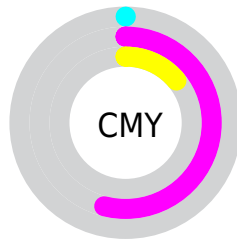
- Red (100%)
- Green (46%)
- Blue (86%)



- Red (100%)
- Yellow (46%)
- Blue (86%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0971, 0.3534, 0.2288 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 39.0971, 0.3534, 0.2288 by changing the saturation by 10% instead.


 39.0971, 0.3534,
0.2288


 39.0971, 0.3534,
0.2288


342.3031, 0.3347,
0.2755


 26.8353, 0.3576,
0.2182


 73.7866, 0.3470,
0.2450

 17.4495, 0.3627,
0.2051


 96.9831, 0.3444,
0.2513

 10.5555, 0.3690,
0.1887


 124.5933, 0.3423,
0.2567

 5.7688, 0.3771,
0.1677

157.0015, 0.3404,
0.2615

 2.7050, 0.3874,
0.1400

194.5923, 0.3387,
0.2656

 0.9797, 0.4007,
0.1029

237.7498, 0.3372,

 0.0000, 0.4402,

0.2693

0.0000

286.8587, 0.3359,
0.2726

■ 0.0000, 0.4050,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0971, 0.3534,
0.2288

■ 39.0971, 0.3534,
0.2288

■ 33.6007, 0.3638,
0.2146

■ 46.2291, 0.3438,
0.2457

■ 29.5994, 0.3745,
0.2042


■ 55.1110, 0.3350,
0.2643


■ 26.9384, 0.3854,
0.1984

■ 65.8532, 0.3273,
0.2836

■ 25.4260, 0.3959,
0.1975

■ 78.5554, 0.3206,
0.3029

 24.9126, 0.4020,
0.1988

 93.3102, 0.3148,
0.3216

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



39.0971, 0.2534, 0.1926



39.0971, 0.3534, 0.2288



39.0971, 0.4555, 0.2845

Triad

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



39.0971, 0.3534, 0.2288



39.0971, 0.4338, 0.4889



39.0971, 0.1483, 0.2567

Complementary

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



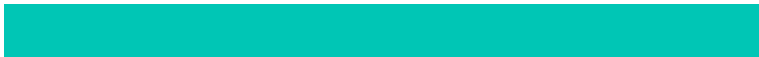
39.0971, 0.3534, 0.2288



77.6008, 0.2891, 0.4592

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.



39.0971, 0.1812, 0.3584



39.0971, 0.3534, 0.2288



39.0971, 0.3444, 0.5219

Square

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



39.0971, 0.3534, 0.2288



39.0971, 0.4978, 0.4213



39.0971, 0.2517, 0.4728



39.0971, 0.1504, 0.2001

Rectangle

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



39.0971, 0.3534, 0.2288



39.0971, 0.4998, 0.3279



39.0971, 0.2517, 0.4728



39.0971, 0.1551, 0.2859

Sweetspot

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



39.0990, 0.3534, 0.2288



76.0081, 0.3218, 0.2993



26.5714, 0.2306, 0.1644



15.6908, 0.3231, 0.2953



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.



39.0990, 0.3534, 0.2288



33.1889, 0.3647, 0.2135



36.2343, 0.4322, 0.2942



18.2147, 0.3178, 0.3116



13.0433, 0.4004, 0.1979



1.2879, 0.3892, 0.1918

Inverse Universe

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



39.0990, 0.3534, 0.2288



33.1889, 0.3647, 0.2135



80.4952, 0.2582, 0.3706



18.2147, 0.3178, 0.3116



13.0433, 0.4004, 0.1979



1.2879, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 39.0971, 0.3534, 0.2288 looks on a white background.

Color Contrast Check

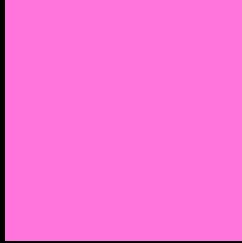
Large Text (above 18pt) WCAG AA × Fail

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 39.0971, 0.3534, 0.2288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

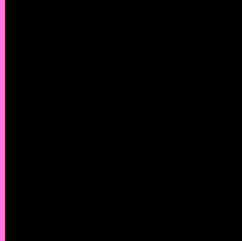
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0971, 0.3534, 0.2288

Background



This preview shows how black text looks on a background with the Yxy color 39.0971, 0.3534, 0.2288.

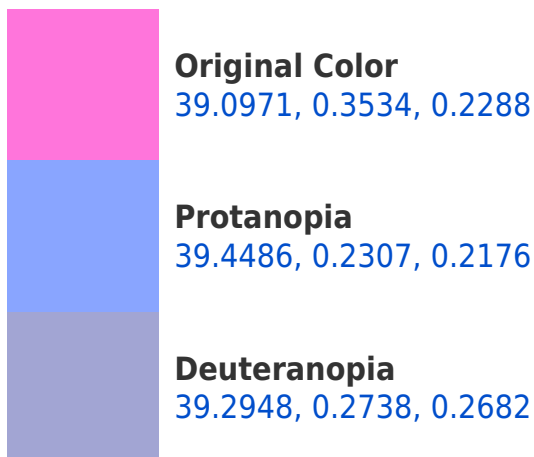


This preview shows how white text looks on a background with the Yxy color 39.0971, 0.3534, 0.2288.

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





Tritanopia

38.8380, 0.4259, 0.3186

Trichromacy



Original Color

39.0971, 0.3534, 0.2288



Protanomaly

37.2939, 0.2649, 0.2174



Deuteranomaly

37.7706, 0.2997, 0.2489



Tritanomaly

38.7026, 0.3997, 0.2839

Monochromacy



Original Color

39.0971, 0.3534, 0.2288



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.1816, 0.3276, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0971, 0.3534, 0.2288 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, 117, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 219)  
}
```

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, 117, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 219) }
```

Border

The CSS property to change the border of an element to Yxy 39.0971, 0.3534, 0.2288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

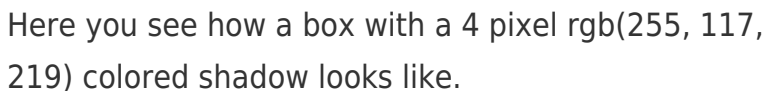
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 117, 219) }
```

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

```
.border{ border-color:rgb(255, 117, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 117, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0971, 0.3534, 0.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 219) }
```

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

```
.background{ background-color: rgb(255,  
117, 219) }
```

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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