

Converting Colors

Yxy(39.2968, 0.3453, 0.2212)

Have a look what the booklet for
Yxy(39.2968, 0.3453, 0.2212)
contains.

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Color

Yxy(39.2968, 0.3453, 0.2212)

Conversions

Conversions Part 1

Format	Color
Hex	FF74E3
RGB	255, 116, 227
RGB Percent	100%, 45%, 89%
CMY	0.0001, 0.5450, 0.1099
CMYK	0.00, 0.54, 0.11, 0.00
HSL	312°, 100%, 73%
HSV	312°, 54%, 100%
XYZ	61.3435, 39.2968, 77.0125
YIQ	170.2150, 47.2130, 63.9890

Conversions

Conversions Part 2

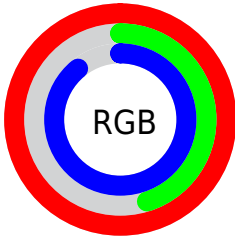
Format	Color
R_{YB}	255, 116, 227
Decimal	16741603
CIE _{Lab}	68.97, 65.86, -31.70
CIE _{LCh}	69, 73.097, 334.297
Yxy	39.2968, 0.3453, 0.2212
Android (android.graphics.Color)	4294931683 (0xFFFF74E3)
YUV	170.2150, 27.9950, 74.3564
Hunter-Lab	62.6872, 64.9715, -28.9580

Details

The Yxy color **39.2968, 0.3453, 0.2212** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.2380, 0.2926, 0.4709**, and the grayscale version is **40.1550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3671, 0.3165, 0.2488**, and **17.4686, 0.3518, 0.1962** is the 20% darker color. If you saturate the color by 10%, you get **33.9241, 0.3532, 0.2062**, and if you desaturate by 10%, it is **46.2946, 0.3378, 0.2391**.

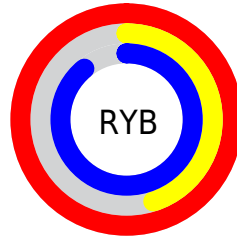
Distribution



Red (100%)

Green (45%)

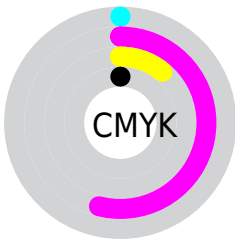
Blue (89%)



Red (100%)

Yellow (45%)

Blue (89%)

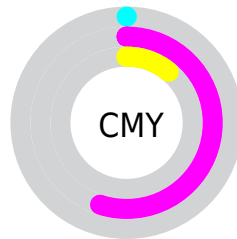


Cyan (0%)

Magenta (54%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2968, 0.3453, 0.2212 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 39.2968, 0.3453, 0.2212 by changing the saturation by 10% instead.


 39.2968, 0.3453,
0.2212


 39.2968, 0.3453,
0.2212


343.1507, 0.3310,
0.2709

 26.9907, 0.3483,
0.2100


 74.0915, 0.3405,
0.2383

 17.5662, 0.3518,
0.1964


 97.3489, 0.3386,
0.2450

 10.6390, 0.3561,
0.1795


 125.0255, 0.3370,
0.2508

 5.8247, 0.3611,
0.1579

157.5058, 0.3355,
0.2559

 2.7388, 0.3668,
0.1301

195.1740, 0.3342,
0.2603

 0.9969, 0.3727,
0.0936

238.4146, 0.3330,

 0.0000, 0.3943,

0.2642

0.0000

287.6121, 0.3320,
0.2677

0.0000, 0.3351,
0.0000

0.0000, 0.0000,
0.0000

39.2968, 0.3453,
0.2212

39.2968, 0.3453,
0.2212

33.9241, 0.3532,
0.2062

46.2946, 0.3378,
0.2391

30.0353, 0.3612,
0.1951

55.0320, 0.3310,
0.2588

27.4747, 0.3692,
0.1885

65.6198, 0.3248,
0.2794

26.0489, 0.3768,
0.1867

78.1579, 0.3194,
0.3001

 25.5974, 0.3809,
0.1872

 92.7390, 0.3146,
0.3202

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



39.2968, 0.2434, 0.1860



39.2968, 0.3453, 0.2212



39.2968, 0.4539, 0.2770

Triad

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



39.2968, 0.3453, 0.2212



39.2968, 0.4439, 0.4886



39.2968, 0.1440, 0.2602

Complementary

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



39.2968, 0.3453, 0.2212



77.2380, 0.2926, 0.4709

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.



39.2968, 0.1806, 0.3698



39.2968, 0.3453, 0.2212



39.2968, 0.3524, 0.5303

Square

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



39.2968, 0.3453, 0.2212



39.2968, 0.5079, 0.4165



39.2968, 0.2560, 0.4882



39.2968, 0.1437, 0.1984

Rectangle

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



39.2968, 0.3453, 0.2212



39.2968, 0.5037, 0.3210



39.2968, 0.2560, 0.4882



39.2968, 0.1519, 0.2918

Sweetspot

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



39.2987, 0.3453, 0.2212



76.1562, 0.3201, 0.2970



25.6286, 0.2249, 0.1611



15.7263, 0.3212, 0.2927



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.



39.2987, 0.3453, 0.2212



33.6991, 0.3536, 0.2056



36.2123, 0.4249, 0.2869



18.2339, 0.3169, 0.3102



13.3993, 0.3797, 0.1865



1.3198, 0.3717, 0.1821

Inverse Universe

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



39.2987, 0.3453, 0.2212



33.6991, 0.3536, 0.2056



80.0427, 0.2610, 0.3798



18.2339, 0.3169, 0.3102



13.3993, 0.3797, 0.1865



1.3198, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 39.2968, 0.3453, 0.2212 looks on a white background.

Color Contrast Check

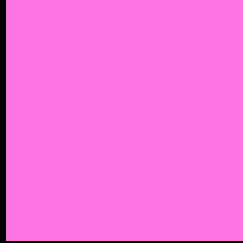
Large Text (above 18pt) WCAG AA × Fail

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 39.2968, 0.3453, 0.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

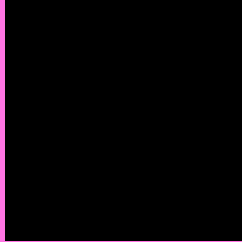
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2968, 0.3453, 0.2212

Background



This preview shows how black text looks on a background with the Yxy color 39.2968, 0.3453, 0.2212.



This preview shows how white text looks on a background with the Yxy color 39.2968, 0.3453, 0.2212.

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

39.2968, 0.3453, 0.2212

Protanopia

39.8108, 0.2309, 0.2189

Deuteranopia

39.6560, 0.2653, 0.2597



Tritanopia

39.2455, 0.4228, 0.3196

Trichromacy



Original Color

39.2968, 0.3453, 0.2212



Protanomaly

37.4757, 0.2629, 0.2147



Deuteranomaly

37.7912, 0.2905, 0.2399



Tritanomaly

38.9354, 0.3938, 0.2805

Monochromacy



Original Color

39.2968, 0.3453, 0.2212



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

37.9918, 0.3248, 0.2780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2968, 0.3453, 0.2212 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, 116, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 227)  
}
```

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, 116, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 227) }
```

Border

The CSS property to change the border of an element to Yxy 39.2968, 0.3453, 0.2212 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, 116, 227) }
```

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

```
.border{ border-color:rgb(255, 116, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 116, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2968, 0.3453, 0.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 227) }
```

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

```
.background{ background-color: rgb(255,  
116, 227) }
```

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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