

Converting Colors

Yxy(39.4181, 0.3737, 0.2514)

Have a look what the booklet for
Yxy(39.4181, 0.3737, 0.2514)
contains.

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Color

Yxy(39.3026, 0.3742, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	FF7AC7
RGB	255, 122, 199
RGB Percent	100%, 48%, 78%
CMY	0.0001, 0.5215, 0.2196
CMYK	0.00, 0.52, 0.22, 0.00
HSL	325°, 100%, 74%
HSV	325°, 52%, 100%
XYZ	58.5005, 39.3026, 58.5318
YIQ	170.5450, 54.5510, 52.1430

Conversions

Conversions Part 2

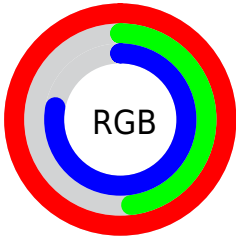
Format	Color
R _Y B	255, 122, 199
Decimal	16743111
CIE Lab	68.97, 59.07, -16.12
CIE LCh	69, 61.225, 344.735
Yxy	39.3026, 0.3742, 0.2514
Android (android.graphics.Color)	4294933191 (0xFFFF7AC7)
YUV	170.5450, 14.0283, 74.0670
Hunter-Lab	62.6918, 56.8558, -11.4715

Details

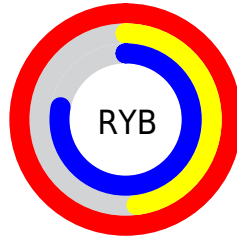
The Yxy color **39.3026, 0.3742, 0.2514** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.8579, 0.2797, 0.4256**, and the grayscale version is **40.3966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3208, 0.3163, 0.2536**, and **17.5429, 0.3904, 0.2317** is the 20% darker color. If you saturate the color by 10%, you get **33.3601, 0.3920, 0.2396**, and if you desaturate by 10%, it is **46.9263, 0.3583, 0.2654**.

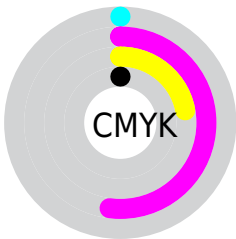
Distribution



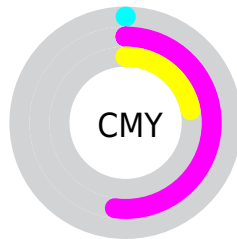
- Red (100%)
- Green (48%)
- Blue (78%)



- Red (100%)
- Yellow (48%)
- Blue (78%)



- Cyan (0%)
- Magenta (52%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3026, 0.3742, 0.2514 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 39.3026, 0.3742, 0.2514 by changing the saturation by 10% instead.


 39.3026, 0.3742,
0.2514


 39.3026, 0.3742,
0.2514


343.1753, 0.3440,
0.2886


 26.9952, 0.3816,
0.2426


 74.1004, 0.3633,
0.2646

 17.5696, 0.3909,
0.2316


 97.3595, 0.3592,
0.2696

 10.6414, 0.4031,
0.2175


 125.0381, 0.3557,
0.2739

 5.8263, 0.4197,
0.1988

157.5204, 0.3527,
0.2777

 2.7397, 0.4434,
0.1730

195.1909, 0.3501,
0.2809

 0.9974, 0.4799,
0.1359

238.4339, 0.3478,

 0.0000, 0.5886,

0.2838

0.0000

287.6339, 0.3458,
0.2864

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3026, 0.3742,
0.2514

■ 39.3026, 0.3742,
0.2514

■ 33.3601, 0.3920,
0.2396

■ 46.9263, 0.3583,
0.2654

■ 28.9611, 0.4112,
0.2314

■ 56.3434, 0.3445,
0.2806

■ 25.9552, 0.4312,
0.2277

■ 67.6629, 0.3326,
0.2962

■ 24.1588, 0.4510,
0.2295

■ 80.9836, 0.3227,
0.3114

■ 23.3809, 0.4662,
0.2342

■ 96.3971, 0.3143,
0.3260

99.9951, 0.3127,
0.3290

Harmonies

Analogous

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



39.3026, 0.2822, 0.2127



39.3026, 0.3742, 0.2514



39.3026, 0.4560, 0.3061

Triad

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



39.3026, 0.3742, 0.2514



39.3026, 0.4041, 0.4843



39.3026, 0.1622, 0.2493

Complementary

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



39.3026, 0.3742, 0.2514



78.8579, 0.2797, 0.4256

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.



39.3026, 0.1846, 0.3296



39.3026, 0.3742, 0.2514



39.3026, 0.3214, 0.4923

Square

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



39.3026, 0.3742, 0.2514



39.3026, 0.4676, 0.4323



39.3026, 0.2409, 0.4295



39.3026, 0.1716, 0.2067

Rectangle

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



39.3026, 0.3742, 0.2514



39.3026, 0.4856, 0.3472



39.3026, 0.2409, 0.4295



39.3026, 0.1659, 0.2720

Sweetspot

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



39.3045, 0.3742, 0.2514



75.6169, 0.3263, 0.3056



30.5413, 0.2514, 0.1776



15.5972, 0.3284, 0.3024



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.



39.3045, 0.3742, 0.2514



32.9309, 0.3936, 0.2388



36.8777, 0.4524, 0.3182



18.1634, 0.3203, 0.3153



12.2503, 0.4631, 0.2325



1.2146, 0.4424, 0.2211

Inverse Universe

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



39.3045, 0.3742, 0.2514



32.9309, 0.3936, 0.2388



82.1685, 0.2499, 0.3417



18.1634, 0.3203, 0.3153



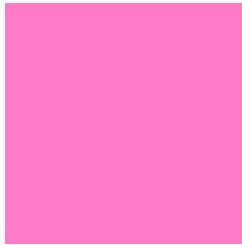
12.2503, 0.4631, 0.2325



1.2146, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 39.3026, 0.3742, 0.2514 looks on a white background.

Color Contrast Check

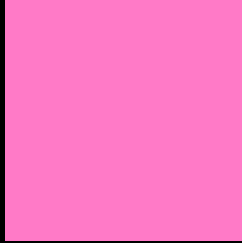
Large Text (above 18pt) WCAG AA × Fail

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 39.3026, 0.3742, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

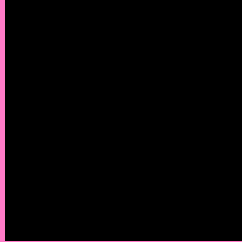
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3026, 0.3742, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 39.3026, 0.3742, 0.2514.



This preview shows how white text looks on a background with the Yxy color 39.3026, 0.3742, 0.2514.

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

39.3026, 0.3742, 0.2514

Protanopia

39.8346, 0.2528, 0.2475

Deuteranopia

39.3554, 0.2982, 0.2916



Tritanopia

39.3574, 0.4299, 0.3198

Trichromacy



Original Color

39.3026, 0.3742, 0.2514



Protanomaly

37.9391, 0.2886, 0.2455



Deuteranomaly

38.1315, 0.3231, 0.2724



Tritanomaly

39.3051, 0.4103, 0.2947

Monochromacy



Original Color

39.3026, 0.3742, 0.2514



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

38.6752, 0.3350, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3026, 0.3742, 0.2514 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, 122, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 199)  
}
```

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, 122, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.3026, 0.3742, 0.2514 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, 122, 199) }
```

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

```
.border{ border-color:rgb(255, 122, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3026, 0.3742, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 199) }
```

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

```
.background{ background-color: rgb(255,  
122, 199) }
```

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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