

Converting Colors

Yxy(37.6922, 0.3817, 0.2648)

Have a look what the booklet for
Yxy(37.6922, 0.3817, 0.2648)
contains.

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Color

Yxy(37.6922, 0.3817, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	F77CB9
RGB	247, 124, 185
RGB Percent	97%, 49%, 73%
CMY	0.0312, 0.5138, 0.2745
CMYK	0.00, 0.50, 0.25, 0.03
HSL	330°, 89%, 73%
HSV	330°, 50%, 97%
XYZ	54.3320, 37.6922, 50.3179
YIQ	167.7310, 53.7270, 45.0470

Conversions

Conversions Part 2

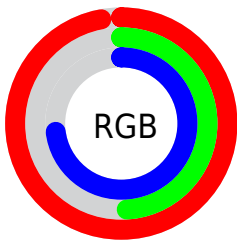
Format	Color
R_{YB}	247, 124, 185
Decimal	16219321
CIE _{Lab}	67.79, 53.79, -10.16
CIE _{LCh}	68, 54.736, 349.307
Yxy	37.6922, 0.3817, 0.2648
Android (android.graphics.Color)	4294409401 (0xFFFF77CB9)
YUV	167.7310, 8.5136, 69.5189
Hunter-Lab	61.3940, 50.5282, -5.6178

Details

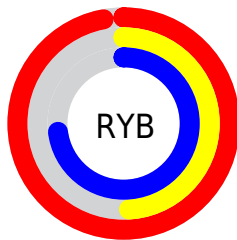
The Yxy color **37.6922, 0.3817, 0.2648** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.3705, 0.2757, 0.4065**, and the grayscale version is **38.9563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2534, 0.3269, 0.2682**, and **16.6136, 0.4019, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **31.7568, 0.4032, 0.2542**, and if you desaturate by 10%, it is **45.2278, 0.3629, 0.2772**.

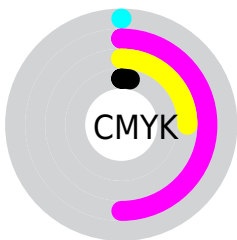
Distribution



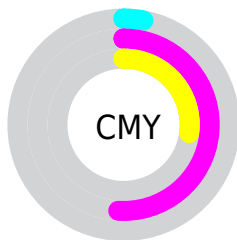
- Red (97%)
- Green (49%)
- Blue (73%)



- Red (97%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6922, 0.3817, 0.2648 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 37.6922, 0.3817, 0.2648 by changing the saturation by 10% instead.


 37.6922, 0.3817,
0.2648

 37.6922, 0.3817,
0.2648


336.2977, 0.3469,
0.2964

 25.7439, 0.3905,
0.2571


 71.6361, 0.3690,
0.2762

 16.6321, 0.4017,
0.2473


 94.4005, 0.3642,
0.2805

 9.9726, 0.4168,
0.2345


 121.5390, 0.3602,
0.2841

 5.3808, 0.4377,
0.2171

153.4361, 0.3568,
0.2873

 2.4724, 0.4689,
0.1922

190.4761, 0.3538,
0.2900

 0.8627, 0.5195,
0.1543

233.0435, 0.3512,

 0.0000, 0.7132,

0.2924

0.0000

281.5226, 0.3489,
0.2945

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

37.6922, 0.3817,
0.2648

37.6922, 0.3817,
0.2648

31.7568, 0.4032,
0.2542

45.2278, 0.3629,
0.2772

27.2968, 0.4269,
0.2468

54.4651, 0.3468,
0.2905

24.1778, 0.4519,
0.2438

65.5034, 0.3332,
0.3039

22.2378, 0.4770,
0.2461

78.4331, 0.3219,
0.3169

■ 21.2143, 0.5010,
0.2535

■ 93.3382, 0.3126,
0.3292

■ 21.1984, 0.5015,
0.2536

■ 98.5202, 0.3078,
0.3290

Harmonies

Analogous

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



37.6922, 0.2974, 0.2258



37.6922, 0.3817, 0.2648



37.6922, 0.4509, 0.3176

Triad

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



37.6922, 0.3817, 0.2648



37.6922, 0.3873, 0.4754



37.6922, 0.1731, 0.2489

Complementary

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



37.6922, 0.3817, 0.2648



74.3705, 0.2757, 0.4065

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.



37.6922, 0.1899, 0.3175



37.6922, 0.3817, 0.2648



37.6922, 0.3103, 0.4708

Square

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



37.6922, 0.3817, 0.2648



37.6922, 0.4487, 0.4344



37.6922, 0.2381, 0.4064



37.6922, 0.1862, 0.2134

Rectangle

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



37.6922, 0.3817, 0.2648



37.6922, 0.4728, 0.3567



37.6922, 0.2381, 0.4064



37.6922, 0.1753, 0.2681

Sweetspot

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



37.6941, 0.3817, 0.2648



76.7969, 0.3275, 0.3102



31.5054, 0.2636, 0.1882



15.8216, 0.3300, 0.3074



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.



37.6941, 0.3817, 0.2648



33.9726, 0.4038, 0.2540



35.6454, 0.4548, 0.3294



16.6196, 0.3216, 0.3173



11.2364, 0.4977, 0.2516



1.0083, 0.4696, 0.2361

Inverse Universe

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



37.6941, 0.3817, 0.2648



33.9726, 0.4038, 0.2540



77.5428, 0.2475, 0.3288



16.6196, 0.3216, 0.3173



11.2364, 0.4977, 0.2516



1.0083, 0.4696, 0.2361

Previews

White Background



This preview shows how the Yxy color 37.6922, 0.3817, 0.2648 looks on a white background.

Color Contrast Check

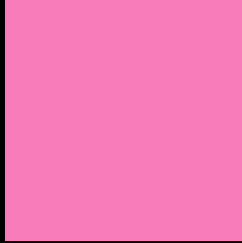
Large Text (above 18pt) WCAG AA × Fail

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 37.6922, 0.3817, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

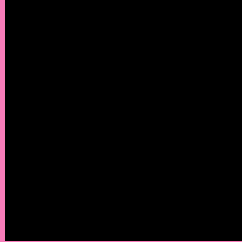
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6922, 0.3817, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 37.6922, 0.3817, 0.2648.



This preview shows how white text looks on a background with the Yxy color 37.6922, 0.3817, 0.2648.

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

37.6922, 0.3817, 0.2648

Protanopia

38.0767, 0.2660, 0.2644

Deuteranopia

37.9745, 0.3110, 0.3045



Tritanopia

37.7827, 0.4248, 0.3195

Trichromacy



Original Color

37.6922, 0.3817, 0.2648

Protanomaly

36.3240, 0.3017, 0.2615

Deuteranomaly

37.0726, 0.3357, 0.2875

Tritanomaly

37.6670, 0.4083, 0.2989

Monochromacy



Original Color

37.6922, 0.3817, 0.2648

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.3828, 0.3370, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6922, 0.3817, 0.2648 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(247, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 185)  
}
```

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(247, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.6922, 0.3817, 0.2648 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(247, 124, 185) }
```

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

```
.border{ border-color:rgb(247, 124, 185) }
```

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

Here you see how a box with a 4 pixel rgb(247, 124, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6922, 0.3817, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 185) }
```

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

```
.background{ background-color: rgb(247,  
124, 185) }
```

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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