

Converting Colors

$Y_{xy}(37.4454, 0.3852, 0.2674)$

Have a look what the booklet for
Yxy(37.4454, 0.3852, 0.2674)
contains.

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Color

Yxy(37.5669, 0.3851, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	F77CB6
RGB	247, 124, 182
RGB Percent	97%, 49%, 71%
CMY	0.0315, 0.5136, 0.2863
CMYK	0.00, 0.50, 0.26, 0.03
HSL	332°, 88%, 73%
HSV	332°, 50%, 97%
XYZ	54.0015, 37.5669, 48.6589
YIQ	167.3890, 54.6900, 44.1140

Conversions

Conversions Part 2

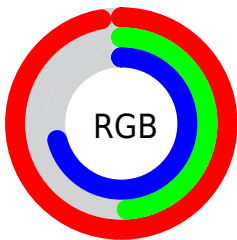
Format	Color
R_{YB}	247, 124, 182
Decimal	16219318
CIE Lab	67.70, 53.34, -8.60
CIE LCh	68, 54.031, 350.844
Yxy	37.5669, 0.3851, 0.2679
Android (android.graphics.Color)	4294409398 (0xFFFF77CB6)
YUV	167.3890, 7.2032, 69.8188
Hunter-Lab	61.2918, 50.0078, -4.1654

Details

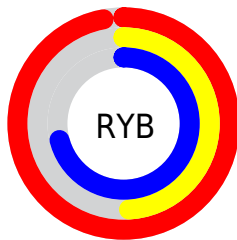
The Yxy color **37.5669, 0.3851, 0.2679** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.4666, 0.2743, 0.4024**, and the grayscale version is **38.7906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0756, 0.3292, 0.2710**, and **16.5326, 0.4071, 0.2508** is the 20% darker color. If you saturate the color by 10%, you get **31.6182, 0.4078, 0.2579**, and if you desaturate by 10%, it is **45.1196, 0.3652, 0.2797**.

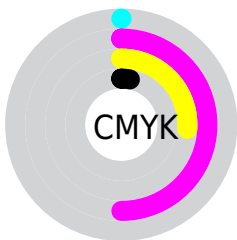
Distribution



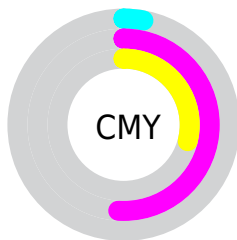
- Red (97%)
- Green (49%)
- Blue (71%)



- Red (97%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5669, 0.3851, 0.2679 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 37.5669, 0.3851, 0.2679 by changing the saturation by 10% instead.


 37.5669, 0.3851,
0.2679

 37.5669, 0.3851,
0.2679


335.7584, 0.3484,
0.2982

 25.6467, 0.3944,
0.2605


 71.4438, 0.3717,
0.2788

 16.5595, 0.4064,
0.2510


 94.1694, 0.3666,
0.2829

 9.9210, 0.4224,
0.2386


 121.2655, 0.3624,
0.2864

 5.3466, 0.4449,
0.2215

153.1165, 0.3588,
0.2894

 2.4520, 0.4785,
0.1970

190.1070, 0.3557,
0.2921

 0.8525, 0.5336,
0.1591

232.6212, 0.3529,

 0.0000, 0.7692,

0.2943

0.0000

281.0435, 0.3505,
0.2964

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

37.5669, 0.3851,
0.2679

37.5669, 0.3851,
0.2679

31.6182, 0.4078,
0.2579

45.1196, 0.3652,
0.2797

27.1484, 0.4330,
0.2510

54.3777, 0.3483,
0.2924

24.0233, 0.4596,
0.2485

65.4408, 0.3341,
0.3052

22.0808, 0.4862,
0.2513

78.3992, 0.3223,
0.3175

■ 21.0592, 0.5115,
0.2592

■ 93.3371, 0.3125,
0.3292

■ 21.0407, 0.5120,
0.2594

■ 98.5093, 0.3078,
0.3290

Harmonies

Analogous

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



37.5669, 0.3018, 0.2283



37.5669, 0.3851, 0.2679



37.5669, 0.4517, 0.3208

Triad

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



37.5669, 0.3851, 0.2679



37.5669, 0.3830, 0.4749



37.5669, 0.1744, 0.2472

Complementary

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



37.5669, 0.3851, 0.2679



74.4666, 0.2743, 0.4024

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.



37.5669, 0.1896, 0.3136



37.5669, 0.3851, 0.2679



37.5669, 0.3065, 0.4671

Square

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



37.5669, 0.3851, 0.2679



37.5669, 0.4449, 0.4362



37.5669, 0.2358, 0.4010



37.5669, 0.1888, 0.2136

Rectangle

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



37.5669, 0.3851, 0.2679



37.5669, 0.4717, 0.3597



37.5669, 0.2358, 0.4010



37.5669, 0.1761, 0.2657

Sweetspot

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



37.5688, 0.3851, 0.2679



76.7427, 0.3282, 0.3111



31.7702, 0.2654, 0.1889



15.8086, 0.3307, 0.3085



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.



37.5688, 0.3851, 0.2679



33.8242, 0.4086, 0.2576



36.1665, 0.4534, 0.3316



16.6126, 0.3219, 0.3179



11.1587, 0.5081, 0.2573



1.0013, 0.4785, 0.2410

Inverse Universe

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



37.5688, 0.3851, 0.2679



33.8242, 0.4086, 0.2576



76.2598, 0.2471, 0.3264



16.6126, 0.3219, 0.3179



11.1587, 0.5081, 0.2573



1.0013, 0.4785, 0.2410

Previews

White Background



This preview shows how the Yxy color 37.5669, 0.3851, 0.2679 looks on a white background.

Color Contrast Check

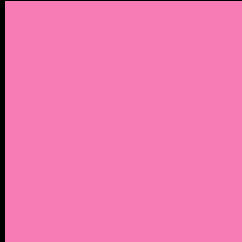
Large Text (above 18pt) WCAG AA × Fail

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 37.5669, 0.3851, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

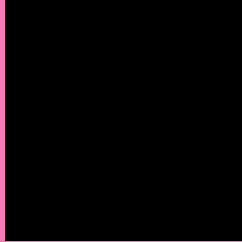
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5669, 0.3851, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 37.5669, 0.3851, 0.2679.



This preview shows how white text looks on a background with the Yxy color 37.5669, 0.3851, 0.2679.

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

37.5669, 0.3851, 0.2679

Protanopia

37.9750, 0.2695, 0.2694

Deuteranopia

37.9714, 0.3146, 0.3086



Tritanopia

37.5102, 0.4253, 0.3184

Trichromacy



Original Color

37.5669, 0.3851, 0.2679



Protanomaly

36.3098, 0.3052, 0.2651



Deuteranomaly

36.9507, 0.3387, 0.2911



Tritanomaly

37.3679, 0.4099, 0.2989

Monochromacy



Original Color

37.5669, 0.3851, 0.2679



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.8475, 0.3381, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5669, 0.3851, 0.2679 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 182) }
```

Border

The CSS property to change the border of an element to Yxy 37.5669, 0.3851, 0.2679 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, 182) }
```

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

```
.border{ border-color:rgb(247, 124, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5669, 0.3851, 0.2679 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, 182) }
```

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

```
.background{ background-color: rgb(247,  
124, 182) }
```

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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