

Converting Colors

$Y_{xy}(40.7494, 0.3962, 0.2634)$

Have a look what the booklet for
Yxy(40.7494, 0.3962, 0.2634)
contains.

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Color

Yxy(38.6089, 0.3857, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	FF79BD
RGB	255, 121, 189
RGB Percent	100%, 47%, 74%
CMY	0.0001, 0.5254, 0.2588
CMYK	0.00, 0.53, 0.26, 0.00
HSL	330°, 100%, 74%
HSV	330°, 53%, 100%
XYZ	57.2528, 38.6089, 52.5770
YIQ	168.8180, 58.0360, 49.5560

Conversions

Conversions Part 2

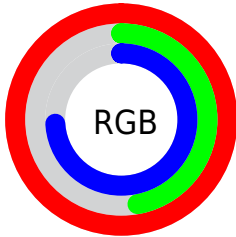
Format	Color
R _Y B	255, 121, 189
Decimal	16742845
CIE Lab	68.47, 58.19, -11.27
CIE LCh	68, 59.269, 349.035
Yxy	38.6089, 0.3857, 0.2601
Android (android.graphics.Color)	4294932925 (0xFFFF79BD)
YUV	168.8180, 9.9497, 75.5816
Hunter-Lab	62.1361, 55.7336, -6.6735

Details

The Yxy color **38.6089, 0.3857, 0.2601** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.1533, 0.2750, 0.4138**, and the grayscale version is **39.5146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2969, 0.3240, 0.2616**, and **17.1603, 0.4057, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **32.6873, 0.4073, 0.2500**, and if you desaturate by 10%, it is **46.2189, 0.3666, 0.2724**.

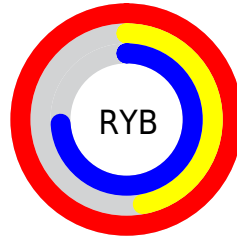
Distribution



Red (100%)

Green (47%)

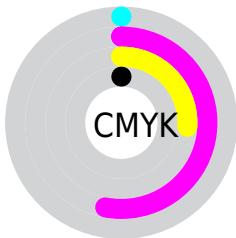
Blue (74%)



Red (100%)

Yellow (47%)

Blue (74%)

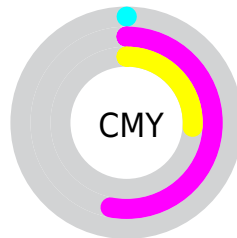


Cyan (0%)

Magenta (53%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6089, 0.3857, 0.2601 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 38.6089, 0.3857, 0.2601 by changing the saturation by 10% instead.


 38.6089, 0.3857,
0.2601


 38.6089, 0.3857,
0.2601


340.2248, 0.3491,
0.2937

 26.4556, 0.3948,
0.2520


 73.0405, 0.3724,
0.2721

 17.1648, 0.4065,
0.2418


 96.0875, 0.3674,
0.2767

 10.3521, 0.4220,
0.2285


 123.5347, 0.3632,
0.2806

 5.6330, 0.4434,
0.2106

155.7662, 0.3596,
0.2839

 2.6232, 0.4748,
0.1853

193.1666, 0.3564,
0.2869

 0.9384, 0.5248,
0.1478

236.1203, 0.3537,

 0.0000, 0.6882,

0.2894

0.0000

285.0115, 0.3513,
0.2917

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

38.6089, 0.3857,
0.2601

38.6089, 0.3857,
0.2601

32.6873, 0.4073,
0.2500

46.2189, 0.3666,
0.2724

28.3151, 0.4308,
0.2434


55.6302, 0.3501,
0.2859

25.3406, 0.4553,
0.2416

66.9528, 0.3362,
0.2996

23.5780, 0.4796,
0.2453

80.2860, 0.3245,
0.3130

 22.8485, 0.4969,
0.2511

 95.7223, 0.3149,
0.3259

99.9934, 0.3127,
0.3290

Harmonies

Analogous

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



38.6089, 0.2952, 0.2193



38.6089, 0.3857, 0.2601



38.6089, 0.4606, 0.3154

Triad

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



38.6089, 0.3857, 0.2601



38.6089, 0.3916, 0.4853



38.6089, 0.1648, 0.2433

Complementary

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



38.6089, 0.3857, 0.2601



79.1533, 0.2750, 0.4138

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.



38.6089, 0.1823, 0.3166



38.6089, 0.3857, 0.2601



38.6089, 0.3097, 0.4830

Square

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



38.6089, 0.3857, 0.2601



38.6089, 0.4574, 0.4391



38.6089, 0.2331, 0.4134



38.6089, 0.1783, 0.2062

Rectangle

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



38.6089, 0.3857, 0.2601



38.6089, 0.4841, 0.3563



38.6089, 0.2331, 0.4134



38.6089, 0.1671, 0.2637

Sweetspot

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



38.6108, 0.3857, 0.2601



75.4470, 0.3283, 0.3084



31.3113, 0.2581, 0.1793



15.5567, 0.3307, 0.3057



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.



38.6108, 0.3857, 0.2601



32.4573, 0.4084, 0.2496



36.3736, 0.4647, 0.3272



18.1409, 0.3214, 0.3170



11.9728, 0.4933, 0.2491



1.1878, 0.4683, 0.2353

Inverse Universe

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



38.6108, 0.3857, 0.2601



32.4573, 0.4084, 0.2496



82.6401, 0.2459, 0.3314



18.1409, 0.3214, 0.3170



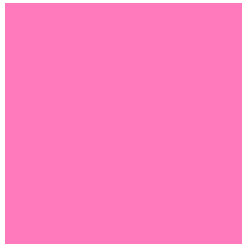
11.9728, 0.4933, 0.2491



1.1878, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 38.6089, 0.3857, 0.2601 looks on a white background.

Color Contrast Check

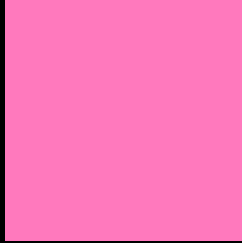
Large Text (above 18pt) WCAG AA × Fail

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 38.6089, 0.3857, 0.2601 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 38.6089, 0.3857, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 38.6089, 0.3857, 0.2601.

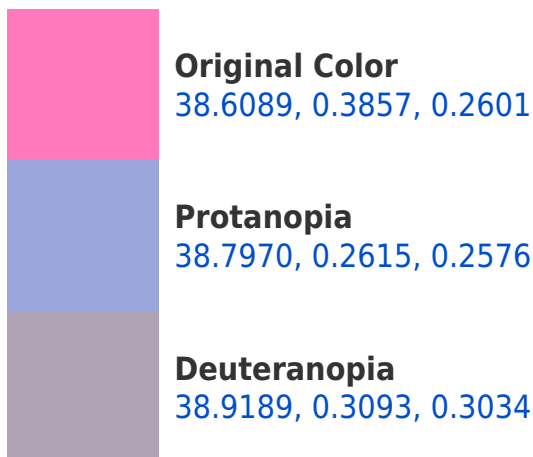


This preview shows how white text looks on a background with the Yxy color 38.6089, 0.3857, 0.2601.

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

38.4500, 0.4349, 0.3199

Trichromacy



Original Color

38.6089, 0.3857, 0.2601



Protanomaly

36.9961, 0.2993, 0.2553



Deuteranomaly

37.6617, 0.3347, 0.2832



Tritanomaly

38.3428, 0.4174, 0.2969

Monochromacy



Original Color

38.6089, 0.3857, 0.2601



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

37.8704, 0.3380, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6089, 0.3857, 0.2601 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, 121, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 189)  
}
```

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, 121, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 189) }
```

Border

The CSS property to change the border of an element to Yxy 38.6089, 0.3857, 0.2601 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, 121, 189) }
```

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

```
.border{ border-color:rgb(255, 121, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 121, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6089, 0.3857, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 189) }
```

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

```
.background{ background-color: rgb(255,  
121, 189) }
```

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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