

Converting Colors

$Yxy(37.9676, 0.3961, 0.2755)$

Have a look what the booklet for
Yxy(37.9676, 0.3961, 0.2755)
contains.

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Color

Yxy(37.8344, 0.3963, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	FA7CAF
RGB	250, 124, 175
RGB Percent	98%, 49%, 69%
CMY	0.0197, 0.5136, 0.3138
CMYK	0.00, 0.50, 0.30, 0.02
HSL	336°, 93%, 73%
HSV	336°, 50%, 98%
XYZ	54.3647, 37.8344, 44.9815
YIQ	167.4880, 58.7250, 42.5730

Conversions

Conversions Part 2

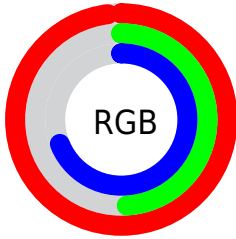
Format	Color
R _Y B	250, 124, 175
Decimal	16415919
CIE Lab	67.90, 53.41, -4.30
CIE LCh	68, 53.588, 355.395
Yxy	37.8344, 0.3963, 0.2758
Android (android.graphics.Color)	4294605999 (0xFFFA7CAF)
YUV	167.4880, 3.7034, 72.3630
Hunter-Lab	61.5097, 50.1234, -0.3015

Details

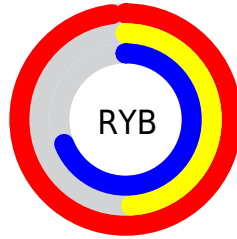
The Yxy color **37.8344, 0.3963, 0.2758** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76.7757, 0.2699, 0.3924**, and the grayscale version is **38.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6157, 0.3357, 0.2785**, and **16.6335, 0.4202, 0.2595** is the 20% darker color. If you saturate the color by 10%, you get **31.7907, 0.4228, 0.2676**, and if you desaturate by 10%, it is **45.5343, 0.3733, 0.2859**.

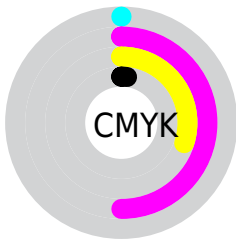
Distribution



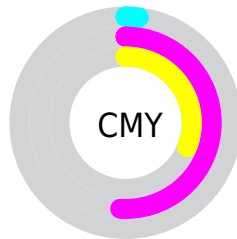
- Red (98%)
- Green (49%)
- Blue (69%)



- Red (98%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8344, 0.3963, 0.2758 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 37.8344, 0.3963, 0.2758 by changing the saturation by 10% instead.


 37.8344, 0.3963,
0.2758

 37.8344, 0.3963,
0.2758


336.9091, 0.3536,
0.3026


 25.8542, 0.4072,
0.2691


 71.8542, 0.3806,
0.2856

 16.7146, 0.4214,
0.2605


 94.6627, 0.3747,
0.2892

 10.0312, 0.4404,
0.2490


 121.8493, 0.3698,
0.2923

 5.4197, 0.4672,
0.2331

153.7985, 0.3656,
0.2950

 2.4955, 0.5076,
0.2097

190.8947, 0.3620,
0.2972

 0.8744, 0.5743,
0.1726

233.5222, 0.3588,

 0.0000, 0.9589,

0.2992

0.0000

282.0656, 0.3560,
0.3010

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

37.8344, 0.3963,
0.2758

37.8344, 0.3963,
0.2758

31.7907, 0.4228,
0.2676

45.5343, 0.3733,
0.2859

27.2729, 0.4522,
0.2624


54.9964, 0.3537,
0.2968

24.1406, 0.4831,
0.2617


66.3242, 0.3375,
0.3078

22.2238, 0.5136,
0.2662

79.6119, 0.3241,
0.3185

 21.2638, 0.5405,
0.2751

 94.9470, 0.3131,
0.3286

 99.0619, 0.3096,
0.3290

Harmonies

Analogous

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



37.8344, 0.3141, 0.2340



37.8344, 0.3963, 0.2758



37.8344, 0.4567, 0.3297

Triad

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



37.8344, 0.3963, 0.2758



37.8344, 0.3715, 0.4759



37.8344, 0.1760, 0.2410

Complementary

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



37.8344, 0.3963, 0.2758



76.7757, 0.2699, 0.3924

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.



37.8344, 0.1865, 0.3019



37.8344, 0.3963, 0.2758



37.8344, 0.2952, 0.4588

Square

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



37.8344, 0.3963, 0.2758



37.8344, 0.4361, 0.4429



37.8344, 0.2278, 0.3871



37.8344, 0.1946, 0.2122

Rectangle

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



37.8344, 0.3963, 0.2758



37.8344, 0.4714, 0.3685



37.8344, 0.2278, 0.3871



37.8344, 0.1761, 0.2577

Sweetspot

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



37.8363, 0.3963, 0.2758



76.5958, 0.3300, 0.3136



33.2598, 0.2718, 0.1898



15.7733, 0.3328, 0.3114



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.



37.8363, 0.3963, 0.2758



33.4391, 0.4219, 0.2678



38.9711, 0.4511, 0.3404



17.3416, 0.3230, 0.3194



11.3069, 0.5363, 0.2728



1.0676, 0.5049, 0.2555

Inverse Universe

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



37.8363, 0.3963, 0.2758



33.4391, 0.4219, 0.2678



73.2089, 0.2445, 0.3164



17.3416, 0.3230, 0.3194



11.3069, 0.5363, 0.2728



1.0676, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 37.8344, 0.3963, 0.2758 looks on a white background.

Color Contrast Check

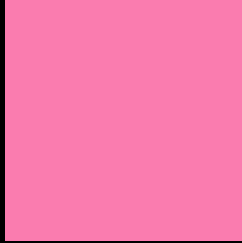
Large Text (above 18pt) WCAG AA × Fail

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 37.8344, 0.3963, 0.2758 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 37.8344, 0.3963, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 37.8344, 0.3963, 0.2758.



This preview shows how white text looks on a background with the Yxy color 37.8344, 0.3963, 0.2758.

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

37.8344, 0.3963, 0.2758

Protanopia

38.0371, 0.2777, 0.2785

Deuteranopia

38.0576, 0.3237, 0.3181



Tritanopia

37.9002, 0.4320, 0.3197

Trichromacy



Original Color

37.8344, 0.3963, 0.2758



Protanomaly

36.3770, 0.3143, 0.2739



Deuteranomaly

37.0992, 0.3488, 0.3001



Tritanomaly

37.6947, 0.4190, 0.3027

Monochromacy



Original Color

37.8344, 0.3963, 0.2758



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.9058, 0.3411, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8344, 0.3963, 0.2758 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(250, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 124, 175)  
}
```

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(250, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 124, 175) }
```

Border

The CSS property to change the border of an element to Yxy 37.8344, 0.3963, 0.2758 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(250, 124, 175) }
```

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

```
.border{ border-color:rgb(250, 124, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 124, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 124,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8344, 0.3963, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 124, 175) }
```

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

```
.background{ background-color: rgb(250,  
124, 175) }
```

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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