

Converting Colors

$Yxy(37.5458, 0.3884, 0.2773)$

Have a look what the booklet for
Yxy(37.5458, 0.3884, 0.2773)
contains.

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Color

Yxy(37.5070, 0.3894, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	F47FAF
RGB	244, 127, 175
RGB Percent	96%, 50%, 69%
CMY	0.0432, 0.5019, 0.3137
CMYK	0.00, 0.48, 0.28, 0.04
HSL	335°, 84%, 73%
HSV	335°, 48%, 96%
XYZ	52.6314, 37.5070, 45.0219
YIQ	167.4550, 54.3240, 39.7320

Conversions

Conversions Part 2

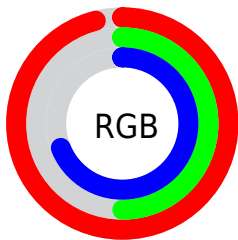
Format	Color
R_{YB}	244, 127, 175
Decimal	16023471
CIE _{Lab}	67.66, 50.00, -4.77
CIE _{LCh}	68, 50.229, 354.556
Yxy	37.5070, 0.3894, 0.2775
Android (android.graphics.Color)	4294213551 (0xFFFF47FAF)
YUV	167.4550, 3.7197, 67.1300
Hunter-Lab	61.2430, 46.2255, -0.7162

Details

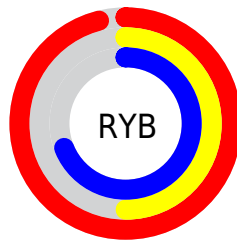
The Yxy color **37.5070, 0.3894, 0.2775** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.1916, 0.2717, 0.3895**, and the grayscale version is **38.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4291, 0.3354, 0.2805**, and **16.5094, 0.4119, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **31.4148, 0.4147, 0.2686**, and if you desaturate by 10%, it is **45.1889, 0.3675, 0.2880**.

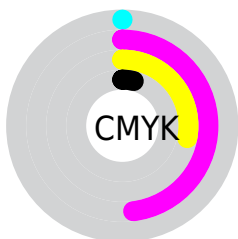
Distribution



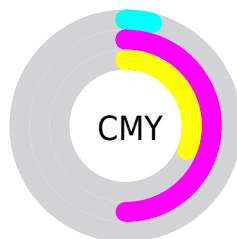
- Red (96%)
- Green (50%)
- Blue (69%)



- Red (96%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5070, 0.3894, 0.2775 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 37.5070, 0.3894, 0.2775 by changing the saturation by 10% instead.

 37.5070, 0.3894,
0.2775


 37.5070, 0.3894,
0.2775


335.5004, 0.3502,
0.3034


 25.6003, 0.3995,
0.2710


 71.3519, 0.3749,
0.2870

 16.5248, 0.4125,
0.2626


 94.0588, 0.3696,
0.2905

 9.8963, 0.4301,
0.2515


 121.1346, 0.3651,
0.2935

 5.3303, 0.4550,
0.2361

152.9637, 0.3612,
0.2960

 2.4423, 0.4927,
0.2132

189.9304, 0.3579,
0.2983

 0.8475, 0.5557,
0.1765

232.4191, 0.3550,


 0.0000, 0.9510,

0.3002


0.0000


280.8143, 0.3524,
0.3019

 0.0000, 0.0000,
0.0000


 37.5070, 0.3894,
0.2775


 37.5070, 0.3894,
0.2775

 31.4148, 0.4147,
0.2686


 45.1889, 0.3675,
0.2880

 26.7928, 0.4431,
0.2624


 54.5575, 0.3491,
0.2991

 23.5135, 0.4734,
0.2603


 65.7087, 0.3337,
0.3102


 21.4248, 0.5038,
0.2634

 78.7292, 0.3211,
0.3209

 20.3198, 0.5322,
0.2717

 93.7004, 0.3107,
0.3310

 20.1522, 0.5379,
0.2737

 97.9705, 0.3060,
0.3290

Harmonies

Analogous

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



37.5070, 0.3122, 0.2379



37.5070, 0.3894, 0.2775



37.5070, 0.4471, 0.3289

Triad

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



37.5070, 0.3894, 0.2775



37.5070, 0.3710, 0.4668



37.5070, 0.1827, 0.2474

Complementary

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



37.5070, 0.3894, 0.2775



73.1916, 0.2717, 0.3895

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.



37.5070, 0.1938, 0.3062



37.5070, 0.3894, 0.2775



37.5070, 0.2989, 0.4513

Square

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



37.5070, 0.3894, 0.2775



37.5070, 0.4313, 0.4362



37.5070, 0.2343, 0.3858



37.5070, 0.1997, 0.2187

Rectangle

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



37.5070, 0.3894, 0.2775



37.5070, 0.4621, 0.3660



37.5070, 0.2343, 0.3858



37.5070, 0.1832, 0.2637

Sweetspot

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



37.5089, 0.3894, 0.2775



78.0170, 0.3285, 0.3145



33.3493, 0.2744, 0.1969



16.0538, 0.3314, 0.3122



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.



37.5089, 0.3894, 0.2775



34.6148, 0.4153, 0.2684



38.5878, 0.4408, 0.3399



16.5952, 0.3229, 0.3193



10.9847, 0.5338, 0.2714



0.9853, 0.5011, 0.2534

Inverse Universe

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



37.5089, 0.3894, 0.2775



34.6148, 0.4153, 0.2684



70.0254, 0.2471, 0.3171



16.5952, 0.3229, 0.3193



10.9847, 0.5338, 0.2714



0.9853, 0.5011, 0.2534

Previews

White Background



This preview shows how the Yxy color 37.5070, 0.3894, 0.2775 looks on a white background.

Color Contrast Check

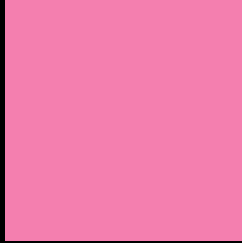
Large Text (above 18pt) WCAG AA × Fail

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 37.5070, 0.3894, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

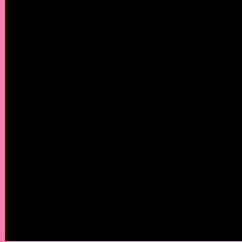
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5070, 0.3894, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 37.5070, 0.3894, 0.2775.



This preview shows how white text looks on a background with the Yxy color 37.5070, 0.3894, 0.2775.

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

37.5070, 0.3894, 0.2775

Protanopia

37.8972, 0.2799, 0.2823

Deuteranopia

37.5899, 0.3229, 0.3167



Tritanopia

37.4590, 0.4217, 0.3183

Trichromacy



Original Color

37.5070, 0.3894, 0.2775



Protanomaly

36.6697, 0.3141, 0.2786



Deuteranomaly

36.8166, 0.3467, 0.2999



Tritanomaly

37.4764, 0.4095, 0.3030

Monochromacy



Original Color

37.5070, 0.3894, 0.2775



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

36.9609, 0.3389, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5070, 0.3894, 0.2775 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(244, 127, 175)` looks like.

```
.text, #text, p{  
    color:rgb(244, 127, 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(244, 127, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 127, 175) }
```

Border

The CSS property to change the border of an element to Yxy 37.5070, 0.3894, 0.2775 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(244, 127, 175) }
```

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

```
.border{ border-color:rgb(244, 127, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 127, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 127, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 127, 175);  
box-shadow:4px 4px 4px 4px rgb(244, 127,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5070, 0.3894, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 127, 175) }
```

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

```
.background{ background-color: rgb(244,  
127, 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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