

Converting Colors

$Yxy(37.4283, 0.4083, 0.2843)$

Have a look what the booklet for
Yxy(37.4283, 0.4083, 0.2843)
contains.

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Color

Yxy(37.4283, 0.4083, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	FB7BA6
RGB	251, 123, 166
RGB Percent	98%, 48%, 65%
CMY	0.0156, 0.5177, 0.3490
CMYK	0.00, 0.51, 0.34, 0.02
HSL	340°, 94%, 73%
HSV	340°, 51%, 98%
XYZ	53.7530, 37.4283, 40.4694
YIQ	166.1740, 62.4850, 40.5090

Conversions

Conversions Part 2

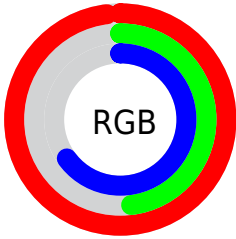
Format	Color
R_{YB}	251, 123, 166
Decimal	16481190
CIE _{Lab}	67.60, 53.15, 0.34
CIE _{LCh}	68, 53.152, 0.361
Yxy	37.4283, 0.4083, 0.2843
Android (android.graphics.Color)	4294671270 (0xFFFB7BA6)
YUV	166.1740, -0.0858, 74.3924
Hunter-Lab	61.1787, 49.7715, 3.6050

Details

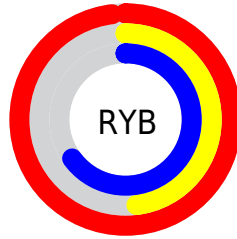
The Yxy color **37.4283, 0.4083, 0.2843** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.7670, 0.2654, 0.3818**, and the grayscale version is **38.2002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7207, 0.3432, 0.2862**, and **16.4255, 0.4380, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **31.4082, 0.4388, 0.2779**, and if you desaturate by 10%, it is **45.1277, 0.3819, 0.2925**.

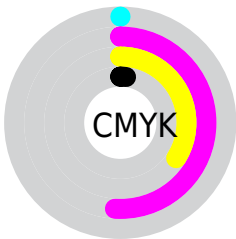
Distribution



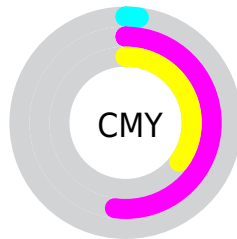
- Red (98%)
- Green (48%)
- Blue (65%)



- Red (98%)
- Yellow (48%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (52%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4283, 0.4083, 0.2843 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 37.4283, 0.4083, 0.2843 by changing the saturation by 10% instead.


 37.4283, 0.4083,
0.2843


 37.4283, 0.4083,
0.2843


335.1611, 0.3590,
0.3074


 25.5393, 0.4210,
0.2783


 71.2310, 0.3901,
0.2929

 16.4793, 0.4376,
0.2705


 93.9135, 0.3833,
0.2960

 9.8639, 0.4600,
0.2600


 120.9626, 0.3776,
0.2987

 5.3088, 0.4917,
0.2450

152.7627, 0.3728,
0.3010

 2.4296, 0.5398,
0.2223

189.6982, 0.3686,
0.3029

 0.8410, 0.6197,
0.1845

232.1535, 0.3650,

 0.0000, 1.0000,

0.3046

0.0000

280.5130, 0.3618,
0.3061

■ 0.0000, 0.0000,
0.0000

■ 37.4283, 0.4083,
0.2843

■ 37.4283, 0.4083,
0.2843

■ 31.4082, 0.4388,
0.2779

■ 45.1277, 0.3819,
0.2925

■ 26.9340, 0.4725,
0.2745

■ 54.6149, 0.3596,
0.3016

■ 23.8614, 0.5076,
0.2754

■ 65.9960, 0.3412,
0.3108

■ 22.0154, 0.5411,
0.2813

■ 79.3671, 0.3261,
0.3198

■ 21.1567, 0.5678,
0.2902

■ 94.8177, 0.3138,
0.3282

99.2515, 0.3103,
0.3290

Harmonies

Analogous

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



37.4283, 0.3277, 0.2401



37.4283, 0.4083, 0.2843



37.4283, 0.4619, 0.3392

Triad

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



37.4283, 0.4083, 0.2843



37.4283, 0.3590, 0.4765



37.4283, 0.1776, 0.2345

Complementary

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



37.4283, 0.4083, 0.2843



77.7670, 0.2654, 0.3818

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.



37.4283, 0.1831, 0.2899



37.4283, 0.4083, 0.2843



37.4283, 0.2830, 0.4495

Square

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



37.4283, 0.4083, 0.2843



37.4283, 0.4266, 0.4501



37.4283, 0.2193, 0.3724



37.4283, 0.2009, 0.2107

Rectangle

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



37.4283, 0.4083, 0.2843



37.4283, 0.4707, 0.3781



37.4283, 0.2193, 0.3724



37.4283, 0.1761, 0.2493

Sweetspot

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



37.4302, 0.4083, 0.2843



76.4477, 0.3318, 0.3162



34.2827, 0.2785, 0.1909



15.7379, 0.3350, 0.3143



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.



37.4302, 0.4083, 0.2843



32.5266, 0.4390, 0.2779



41.3470, 0.4484, 0.3494



17.3214, 0.3241, 0.3211



11.1438, 0.5635, 0.2878



1.0510, 0.5301, 0.2694

Inverse Universe

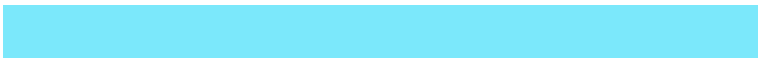
The Inverse Universe completely reimagines the original color for something new.



37.4302, 0.4083, 0.2843



32.5266, 0.4390, 0.2779



68.7828, 0.2419, 0.3059



17.3214, 0.3241, 0.3211



11.1438, 0.5635, 0.2878



1.0510, 0.5301, 0.2694

Previews

White Background



This preview shows how the Yxy color 37.4283, 0.4083, 0.2843 looks on a white background.

Color Contrast Check

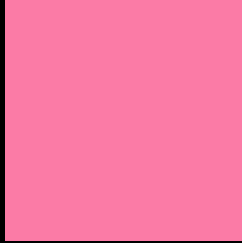
Large Text (above 18pt) WCAG AA × Fail

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 37.4283, 0.4083, 0.2843 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 37.4283, 0.4083, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 37.4283, 0.4083, 0.2843.



This preview shows how white text looks on a background with the Yxy color 37.4283, 0.4083, 0.2843.

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

37.4283, 0.4083, 0.2843

Protanopia

37.7861, 0.2869, 0.2916

Deuteranopia

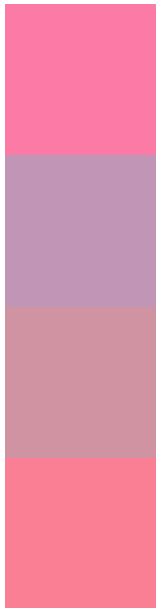
37.7470, 0.3351, 0.3291



Tritanopia

37.4131, 0.4378, 0.3188

Trichromacy



Original Color

37.4283, 0.4083, 0.2843

Protanomaly

36.2097, 0.3256, 0.2863

Deuteranomaly

36.8860, 0.3614, 0.3102

Tritanomaly

37.3838, 0.4278, 0.3062

Monochromacy



Original Color

37.4283, 0.4083, 0.2843

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.4362, 0.3453, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4283, 0.4083, 0.2843 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(251, 123, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 123, 166)  
}
```

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(251, 123, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 123, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.4283, 0.4083, 0.2843 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(251, 123, 166) }
```

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

```
.border{ border-color:rgb(251, 123, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 123, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 123, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 123, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 123,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4283, 0.4083, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 123, 166) }
```

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

```
.background{ background-color: rgb(251,  
123, 166) }
```

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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