

Converting Colors

$Yxy(37.0958, 0.4048, 0.2938)$

Have a look what the booklet for
Yxy(37.0958, 0.4048, 0.2938)
contains.

Yxy(37.0662, 0.4045, 0.2933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.0662, 0.4045, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	F380A1
RGB	243, 128, 161
RGB Percent	95%, 50%, 63%
CMY	0.0470, 0.4981, 0.3685
CMYK	0.00, 0.47, 0.34, 0.05
HSL	343°, 83%, 73%
HSV	343°, 47%, 95%
XYZ	51.1193, 37.0662, 38.1910
YIQ	166.1470, 57.9470, 34.6430

Conversions

Conversions Part 2

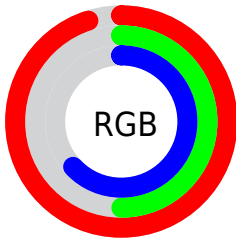
Format	Color
R_{YB}	243, 128, 161
Decimal	15958177
CIE _{Lab}	67.33, 47.45, 2.62
CIE _{LCh}	67, 47.522, 3.160
Yxy	37.0662, 0.4045, 0.2933
Android (android.graphics.Color)	4294148257 (0xFFFF380A1)
YUV	166.1470, -2.5375, 67.4001
Hunter-Lab	60.8820, 43.3330, 5.4251

Details

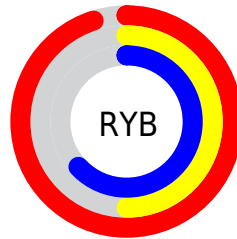
The Yxy color **37.0662, 0.4045, 0.2933** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.3492, 0.2652, 0.3699**, and the grayscale version is **38.2006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0848, 0.3468, 0.2953**, and **16.3483, 0.4325, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **30.9006, 0.4360, 0.2873**, and if you desaturate by 10%, it is **44.8380, 0.3776, 0.3006**.

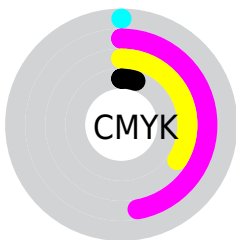
Distribution



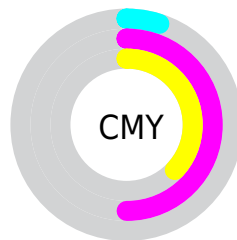
- Red (95%)
- Green (50%)
- Blue (63%)



- Red (95%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0662, 0.4045, 0.2933 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 37.0662, 0.4045, 0.2933 by changing the saturation by 10% instead.


 37.0662, 0.4045,
0.2933


 37.0662, 0.4045,
0.2933


333.5970, 0.3569,
0.3121


 25.2588, 0.4169,
0.2883


 70.6746, 0.3868,
0.3004

 16.2699, 0.4331,
0.2817


 93.2443, 0.3803,
0.3030

 9.7154, 0.4551,
0.2727


 120.1703, 0.3748,
0.3051

 5.2106, 0.4866,
0.2595

151.8368, 0.3701,
0.3069

 2.3714, 0.5348,
0.2390

188.6284, 0.3661,
0.3085

 0.8111, 0.6199,
0.2040

230.9293, 0.3626,

 0.0000, 1.0000,

0.3099

0.0000

279.1241, 0.3596,
0.3111

0.0000, 0.0000,
0.0000

37.0662, 0.4045,
0.2933

37.0662, 0.4045,
0.2933

30.9006, 0.4360,
0.2873

44.8380, 0.3776,
0.3006

26.2219, 0.4715,
0.2837

54.3129, 0.3552,
0.3085

22.9034, 0.5090,
0.2837

65.5866, 0.3368,
0.3163

20.7940, 0.5455,
0.2881

78.7463, 0.3219,
0.3238

19.6977, 0.5773,
0.2970

93.8731, 0.3097,
0.3308

■ 19.4964, 0.5849,
0.2996

■ 97.7968, 0.3054,
0.3290

Harmonies

Analogous

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



37.0662, 0.3336, 0.2512



37.0662, 0.4045, 0.2933



37.0662, 0.4490, 0.3447

Triad

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



37.0662, 0.4045, 0.2933



37.0662, 0.3496, 0.4608



37.0662, 0.1901, 0.2406

Complementary

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



37.0662, 0.4045, 0.2933



73.3492, 0.2652, 0.3699

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.



37.0662, 0.1931, 0.2889



37.0662, 0.4045, 0.2933



37.0662, 0.2808, 0.4306

Square

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



37.0662, 0.4045, 0.2933



37.0662, 0.4120, 0.4431



37.0662, 0.2242, 0.3609



37.0662, 0.2142, 0.2205

Rectangle

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



37.0662, 0.4045, 0.2933



37.0662, 0.4548, 0.3805



37.0662, 0.2242, 0.3609



37.0662, 0.1880, 0.2535

Sweetspot

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



37.0681, 0.4045, 0.2933



77.7678, 0.3315, 0.3188



35.3923, 0.2869, 0.2029



15.9935, 0.3350, 0.3172



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.



37.0681, 0.4045, 0.2933



34.5837, 0.4354, 0.2874



42.7479, 0.4305, 0.3544



16.5608, 0.3248, 0.3222



10.7192, 0.5809, 0.2974



0.9591, 0.5455, 0.2779

Inverse Universe

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



37.0681, 0.4045, 0.2933



34.5837, 0.4354, 0.2874



62.2515, 0.2447, 0.3006



16.5608, 0.3248, 0.3222



10.7192, 0.5809, 0.2974



0.9591, 0.5455, 0.2779

Previews

White Background



This preview shows how the Yxy color 37.0662, 0.4045, 0.2933 looks on a white background.

Color Contrast Check

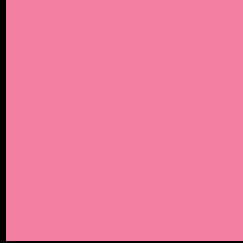
Large Text (above 18pt) WCAG AA × Fail

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 37.0662, 0.4045, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

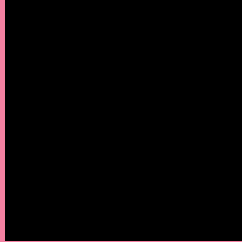
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0662, 0.4045, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 37.0662, 0.4045, 0.2933.



This preview shows how white text looks on a background with the Yxy color 37.0662, 0.4045, 0.2933.

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

37.0662, 0.4045, 0.2933

Protanopia

37.2532, 0.2957, 0.3023

Deuteranopia

37.2639, 0.3391, 0.3332



Tritanopia

37.1264, 0.4245, 0.3194

Trichromacy



Original Color

37.0662, 0.4045, 0.2933



Protanomaly

35.9451, 0.3313, 0.2974



Deuteranomaly

36.6276, 0.3622, 0.3164



Tritanomaly

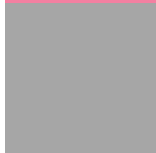
37.2480, 0.4177, 0.3107

Monochromacy



Original Color

37.0662, 0.4045, 0.2933



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.6061, 0.3438, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0662, 0.4045, 0.2933 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(243, 128, 161)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 161)  
}
```

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(243, 128, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.0662, 0.4045, 0.2933 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(243, 128, 161) }
```

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

```
.border{ border-color:rgb(243, 128, 161) }
```

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

Here you see how a box with a 4 pixel rgb(243, 128, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 161);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0662, 0.4045, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 161) }
```

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

```
.background{ background-color: rgb(243,  
128, 161) }
```

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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