

Converting Colors

$Y_{xy}(37.1554, 0.4026, 0.2918)$

Have a look what the booklet for
Yxy(37.1554, 0.4026, 0.2918)
contains.

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Color

Yxy(37.1374, 0.4022, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	F380A3
RGB	243, 128, 163
RGB Percent	95%, 50%, 64%
CMY	0.0470, 0.4980, 0.3609
CMYK	0.00, 0.47, 0.33, 0.05
HSL	342°, 83%, 73%
HSV	342°, 47%, 95%
XYZ	51.2935, 37.1374, 39.1014
YIQ	166.3750, 57.3050, 35.2650

Conversions

Conversions Part 2

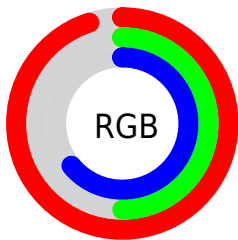
Format	Color
R _Y B	243, 128, 163
Decimal	15958179
CIE Lab	67.38, 47.68, 1.60
CIE LCh	67, 47.709, 1.922
Yxy	37.1374, 0.4022, 0.2912
Android (android.graphics.Color)	4294148259 (0xFFFF380A3)
YUV	166.3750, -1.6639, 67.2001
Hunter-Lab	60.9405, 43.5973, 4.6159

Details

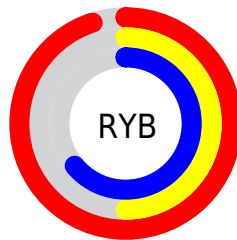
The Yxy color **37.1374, 0.4022, 0.2912** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.2547, 0.2661, 0.3724**, and the grayscale version is **38.3118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1889, 0.3451, 0.2933**, and **16.3702, 0.4307, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **30.9747, 0.4328, 0.2848**, and if you desaturate by 10%, it is **44.9027, 0.3760, 0.2990**.

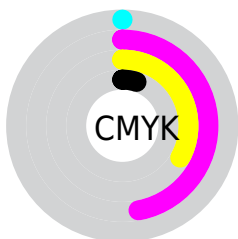
Distribution



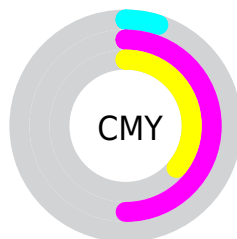
- Red (95%)
- Green (50%)
- Blue (64%)



- Red (95%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (5%)




- Cyan (5%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1374, 0.4022, 0.2912 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 37.1374, 0.4022, 0.2912 by changing the saturation by 10% instead.


 37.1374, 0.4022,
0.2912


 37.1374, 0.4022,
0.2912


333.9050, 0.3558,
0.3110

 25.3139, 0.4142,
0.2860


 70.7841, 0.3850,
0.2986

 16.3111, 0.4300,
0.2792


 93.3760, 0.3786,
0.3013

 9.7445, 0.4513,
0.2699


 120.3262, 0.3733,
0.3036

 5.2299, 0.4818,
0.2565

152.0191, 0.3688,
0.3055

 2.3828, 0.5286,
0.2356

188.8390, 0.3649,
0.3072

 0.8170, 0.6094,
0.2001

231.1703, 0.3615,

 0.0000, 1.0000,

0.3086

0.0000

279.3976, 0.3585,
0.3099

0.0000, 0.0000,
0.0000

37.1374, 0.4022,
0.2912

37.1374, 0.4022,
0.2912

30.9747, 0.4328,
0.2848

44.9027, 0.3760,
0.2990

26.2957, 0.4673,
0.2808

54.3673, 0.3542,
0.3073

22.9738, 0.5039,
0.2805

65.6267, 0.3363,
0.3156

20.8585, 0.5398,
0.2848

78.7678, 0.3217,
0.3235

19.7540, 0.5714,
0.2937

93.8717, 0.3098,
0.3309

■ 19.5500, 0.5791,
0.2964

■ 97.7971, 0.3054,
0.3290

Harmonies

Analogous

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



37.1374, 0.3306, 0.2495



37.1374, 0.4022, 0.2912



37.1374, 0.4484, 0.3425

Triad

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



37.1374, 0.4022, 0.2912



37.1374, 0.3525, 0.4613



37.1374, 0.1894, 0.2418

Complementary

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



37.1374, 0.4022, 0.2912



73.2547, 0.2661, 0.3724

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.



37.1374, 0.1935, 0.2913



37.1374, 0.4022, 0.2912



37.1374, 0.2834, 0.4332

Square

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



37.1374, 0.4022, 0.2912



37.1374, 0.4144, 0.4419



37.1374, 0.2259, 0.3642



37.1374, 0.2124, 0.2205

Rectangle

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



37.1374, 0.4022, 0.2912



37.1374, 0.4554, 0.3784



37.1374, 0.2259, 0.3642



37.1374, 0.1877, 0.2551

Sweetspot

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



37.1393, 0.4022, 0.2912



77.8016, 0.3311, 0.3182



35.1176, 0.2852, 0.2023



16.0017, 0.3345, 0.3165



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.



37.1393, 0.4022, 0.2912



34.6644, 0.4322, 0.2849



42.1382, 0.4316, 0.3523



16.5655, 0.3246, 0.3218



10.7493, 0.5750, 0.2941



0.9623, 0.5396, 0.2746

Inverse Universe

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



37.1393, 0.4022, 0.2912



34.6644, 0.4322, 0.2849



63.2655, 0.2452, 0.3030



16.5655, 0.3246, 0.3218



10.7493, 0.5750, 0.2941



0.9623, 0.5396, 0.2746

Previews

White Background



This preview shows how the Yxy color 37.1374, 0.4022, 0.2912 looks on a white background.

Color Contrast Check

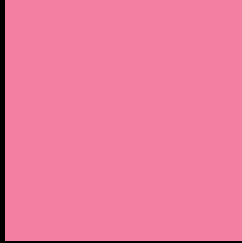
Large Text (above 18pt) WCAG AA × Fail

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 37.1374, 0.4022, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

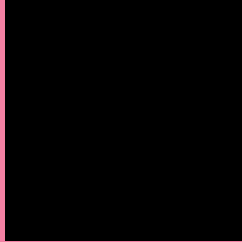
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1374, 0.4022, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 37.1374, 0.4022, 0.2912.



This preview shows how white text looks on a background with the Yxy color 37.1374, 0.4022, 0.2912.

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

37.1374, 0.4022, 0.2912

Protanopia

37.3365, 0.2941, 0.2996

Deuteranopia

37.3322, 0.3372, 0.3304



Tritanopia

37.1264, 0.4245, 0.3194

Trichromacy



Original Color

37.1374, 0.4022, 0.2912



Protanomaly

36.0236, 0.3293, 0.2949



Deuteranomaly

36.6970, 0.3601, 0.3138



Tritanomaly

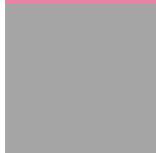
37.2798, 0.4165, 0.3096

Monochromacy



Original Color

37.1374, 0.4022, 0.2912



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.6424, 0.3428, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1374, 0.4022, 0.2912 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.1374, 0.4022, 0.2912 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, 163) }
```

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

```
.border{ border-color:rgb(243, 128, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 163);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1374, 0.4022, 0.2912 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, 163) }
```

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

```
.background{ background-color: rgb(243,  
128, 163) }
```

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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