

Converting Colors

$Y_{xy}(37.6814, 0.4028, 0.2930)$

Have a look what the booklet for
Yxy(37.6814, 0.4028, 0.2930)
contains.

| | |
|--|----|
| Yxy(37.5780, 0.4028, 0.2924) | 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(37.5780, 0.4028, 0.2924)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F481A3 |
| RGB | 244, 129, 163 |
| RGB Percent | 96%, 51%, 64% |
| CMY | 0.0432, 0.4941, 0.3608 |
| CMYK | 0.00, 0.47, 0.33, 0.04 |
| HSL | 342°, 84%, 73% |
| HSV | 342°, 47%, 96% |
| XYZ | 51.7661, 37.5780, 39.1716 |
| YIQ | 167.2610, 57.6260, 34.9540 |

Conversions

Conversions Part 2

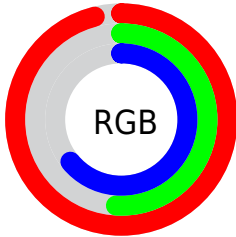
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 129, 163 |
| Decimal | 16023971 |
| CIE _{Lab} | 67.71, 47.51, 2.08 |
| CIE _{LCh} | 68, 47.558, 2.508 |
| Yxy | 37.5780, 0.4028, 0.2924 |
| Android (android.graphics.Color) | 4294214051 (0xFFFF481A3) |
| YUV | 167.2610, -2.1007, 67.3001 |
| Hunter-Lab | 61.3009, 43.4595, 5.0240 |

Details

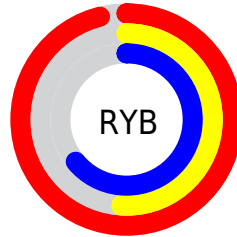
The Yxy color **37.5780, 0.4028, 0.2924** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.0172, 0.2658, 0.3710**, and the grayscale version is **38.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6029, 0.3450, 0.2943**, and **16.6309, 0.4316, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **31.3257, 0.4338, 0.2861**, and if you desaturate by 10%, it is **45.4522, 0.3763, 0.3000**.

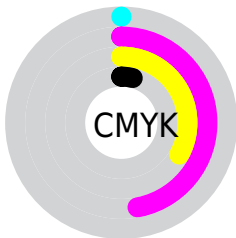
Distribution



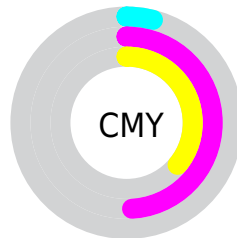
- Red (96%)
- Green (51%)
- Blue (64%)



- Red (96%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5780, 0.4028, 0.2924 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 37.5780, 0.4028, 0.2924 by changing the saturation by 10% instead.


 37.5780, 0.4028,
0.2924


 37.5780, 0.4028,
0.2924


335.8062, 0.3562,
0.3116

 25.6553, 0.4149,
0.2874


 71.4609, 0.3855,
0.2996

 16.5660, 0.4307,
0.2807

 94.1898, 0.3791,
0.3022

 9.9255, 0.4520,
0.2717


 121.2897, 0.3738,
0.3044

 5.3496, 0.4826,
0.2586

153.1449, 0.3692,
0.3063

 2.4538, 0.5292,
0.2383

190.1397, 0.3653,
0.3079

 0.8534, 0.6091,
0.2038

232.6586, 0.3618,


 0.0000, 1.0000,

0.3093


0.0000


281.0860, 0.3588,
0.3105


 0.0000, 0.0000,
0.0000

 37.5780, 0.4028,
0.2924


 37.5780, 0.4028,
0.2924

 31.3257, 0.4338,
0.2861

 45.4522, 0.3763,
0.3000


 26.5752, 0.4687,
0.2823


 55.0459, 0.3543,
0.3081

 23.1992, 0.5058,
0.2821

 66.4556, 0.3362,
0.3161

 21.0457, 0.5421,
0.2864

 79.7688, 0.3215,
0.3238

 19.9202, 0.5739,
0.2952

 95.0674, 0.3095,
0.3310

■ 19.7005, 0.5821,
0.2980

■ 97.9713, 0.3060,
0.3290

Harmonies

Analogous

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



37.5780, 0.3320, 0.2507



37.5780, 0.4028, 0.2924



37.5780, 0.4480, 0.3436

Triad

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



37.5780, 0.4028, 0.2924



37.5780, 0.3510, 0.4603



37.5780, 0.1903, 0.2417

Complementary

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



37.5780, 0.4028, 0.2924



74.0172, 0.2658, 0.3710

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.



37.5780, 0.1938, 0.2904



37.5780, 0.4028, 0.2924



37.5780, 0.2823, 0.4314

Square

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



37.5780, 0.4028, 0.2924



37.5780, 0.4128, 0.4419



37.5780, 0.2255, 0.3625



37.5780, 0.2137, 0.2210

Rectangle

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



37.5780, 0.4028, 0.2924



37.5780, 0.4544, 0.3793



37.5780, 0.2255, 0.3625



37.5780, 0.1884, 0.2548

Sweetspot

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



37.5799, 0.4028, 0.2924



77.7845, 0.3313, 0.3185



35.8635, 0.2871, 0.2034



15.9975, 0.3347, 0.3168



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.



37.5799, 0.4028, 0.2924



34.6233, 0.4338, 0.2861



43.2764, 0.4298, 0.3543



16.5631, 0.3247, 0.3220



10.7339, 0.5780, 0.2958



0.9607, 0.5426, 0.2763

Inverse Universe

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



37.5799, 0.4028, 0.2924



34.6233, 0.4338, 0.2861



62.9095, 0.2450, 0.3008



16.5631, 0.3247, 0.3220



10.7339, 0.5780, 0.2958



0.9607, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 37.5780, 0.4028, 0.2924 looks on a white background.

Color Contrast Check

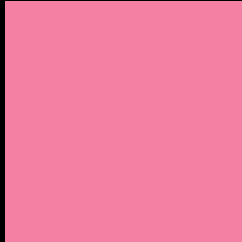
Large Text (above 18pt) WCAG AA × Fail

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 37.5780, 0.4028, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

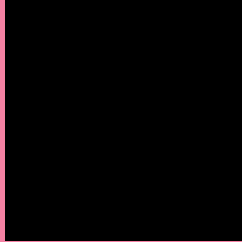
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5780, 0.4028, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 37.5780, 0.4028, 0.2924.



This preview shows how white text looks on a background with the Yxy color 37.5780, 0.4028, 0.2924.

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

37.5780, 0.4028, 0.2924

Protanopia

37.7981, 0.2950, 0.3011

Deuteranopia

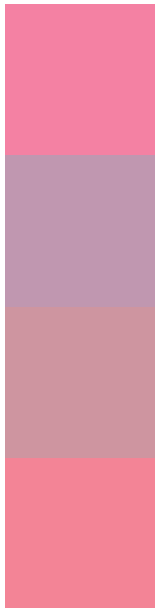
37.8006, 0.3380, 0.3318



Tritanopia

37.6053, 0.4238, 0.3195

Trichromacy



Original Color

37.5780, 0.4028, 0.2924

Protanomaly

36.4743, 0.3302, 0.2963

Deuteranomaly

37.1548, 0.3609, 0.3152

Tritanomaly

37.7592, 0.4159, 0.3096

Monochromacy



Original Color

37.5780, 0.4028, 0.2924

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.1377, 0.3427, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5780, 0.4028, 0.2924 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, 129, 163)` looks like.

```
.text, #text, p{  
    color:rgb(244, 129, 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(244, 129, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 129, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.5780, 0.4028, 0.2924 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, 129, 163) }
```

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

```
.border{ border-color:rgb(244, 129, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 129, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 129, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 129, 163);  
box-shadow:4px 4px 4px 4px rgb(244, 129,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5780, 0.4028, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 129, 163) }
```

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

```
.background{ background-color: rgb(244,  
129, 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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