

Converting Colors

$Yxy(48.6178, 0.3834, 0.3215)$

Have a look what the booklet for
Yxy(48.6178, 0.3834, 0.3215)
contains.

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Color

Yxy(48.5471, 0.3836, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3AB
RGB	245, 163, 171
RGB Percent	96%, 64%, 67%
CMY	0.0392, 0.3608, 0.3295
CMYK	0.00, 0.33, 0.30, 0.04
HSL	354°, 80%, 80%
HSV	354°, 33%, 96%
XYZ	58.1050, 48.5471, 44.8209
YIQ	188.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

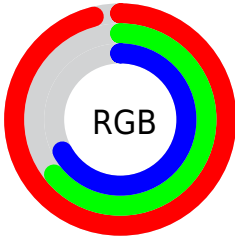
Format	Color
R_{YB}	245, 163, 171
Decimal	16098219
CIE _{Lab}	75.17, 31.39, 8.41
CIE _{LCh}	75, 32.493, 15.001
Yxy	48.5471, 0.3836, 0.3205
Android (android.graphics.Color)	4294288299 (0xFFF5A3AB)
YUV	188.4300, -8.5930, 49.6119
Hunter-Lab	69.6757, 26.9248, 10.6331

Details

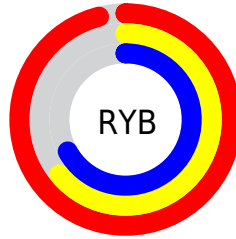
The Yxy color **48.5471, 0.3836, 0.3205** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.2167, 0.2690, 0.3380**, and the grayscale version is **50.5773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4140, 0.3341, 0.3221**, and **23.0486, 0.4038, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **39.9012, 0.4164, 0.3181**, and if you desaturate by 10%, it is **59.0242, 0.3568, 0.3231**.

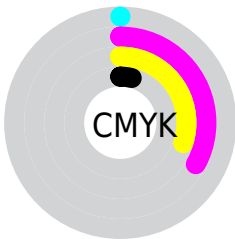
Distribution



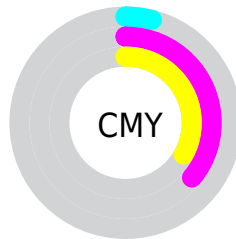
- Red (96%)
- Green (64%)
- Blue (67%)



- Red (96%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5471, 0.3836, 0.3205 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 48.5471, 0.3836, 0.3205 by changing the saturation by 10% instead.


 48.5471, 0.3836,
0.3205


 48.5471, 0.3836,
0.3205

380.9566, 0.3481,
0.3254

 34.2603, 0.3924,
0.3191


 88.0184, 0.3707,
0.3224

 23.0937, 0.4038,
0.3172


 113.9718, 0.3659,
0.3231

 14.6627, 0.4188,
0.3144


144.5828, 0.3618,
0.3237

 8.5830, 0.4396,
0.3103

180.2359, 0.3583,
0.3241

 4.4702, 0.4702,
0.3035

221.3154, 0.3552,
0.3245

 1.9399, 0.5190,
0.2909

268.2058, 0.3526,

 0.5722, 0.6978,

0.3249

0.2848

321.2914, 0.3502,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5471, 0.3836,
0.3205

48.5471, 0.3836,
0.3205

39.9012, 0.4164,
0.3181

59.0242, 0.3568,
0.3231

32.9748, 0.4553,
0.3161

71.4218, 0.3352,
0.3257

27.6548, 0.4992,
0.3152

85.8320, 0.3179,
0.3282

23.8118, 0.5449,
0.3157

98.1548, 0.3066,
0.3290

■ 21.2962, 0.5867,
0.3182

■ 19.9268, 0.6180,
0.3224

■ 19.4800, 0.6312,
0.3251

Harmonies

Analogous

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



48.5471, 0.3449, 0.2882



48.5471, 0.3836, 0.3205



48.5471, 0.4018, 0.3565

Triad

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



48.5471, 0.3836, 0.3205



48.5471, 0.3210, 0.4047



48.5471, 0.2362, 0.2652

Complementary

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



48.5471, 0.3836, 0.3205



79.2167, 0.2690, 0.3380

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.



48.5471, 0.2311, 0.2913



48.5471, 0.3836, 0.3205



48.5471, 0.2780, 0.3754

Square

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



48.5471, 0.3836, 0.3205



48.5471, 0.3637, 0.4083



48.5471, 0.2457, 0.3318



48.5471, 0.2602, 0.2569

Rectangle

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



48.5471, 0.3836, 0.3205



48.5471, 0.3994, 0.3791



48.5471, 0.2457, 0.3318



48.5471, 0.2323, 0.2720

Sweetspot

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



48.5494, 0.3836, 0.3205



83.4006, 0.3288, 0.3266



50.7610, 0.3098, 0.2440



17.3908, 0.3313, 0.3262



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.



48.5494, 0.3836, 0.3205



46.6836, 0.4046, 0.3188



61.4521, 0.3795, 0.3646



16.5087, 0.3278, 0.3267



10.5019, 0.6290, 0.3239



0.9316, 0.6060, 0.3112

Inverse Universe

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



48.5494, 0.3836, 0.3205



46.6836, 0.4046, 0.3188



61.5718, 0.2601, 0.2903



16.5087, 0.3278, 0.3267



10.5019, 0.6290, 0.3239



0.9316, 0.6060, 0.3112

Previews

White Background



This preview shows how the Yxy color 48.5471, 0.3836, 0.3205 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 48.5471, 0.3836, 0.3205 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 48.5471, 0.3836, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 48.5471, 0.3836, 0.3205.



This preview shows how white text looks on a background with the Yxy color 48.5471, 0.3836, 0.3205.

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

48.5471, 0.3836, 0.3205

Protanopia

48.9356, 0.3176, 0.3316

Deuteranopia

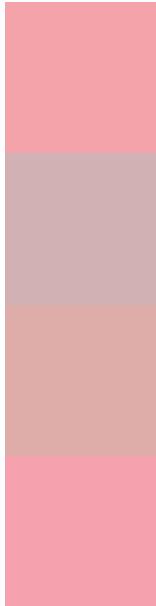
48.7690, 0.3496, 0.3425



Tritanopia

48.3483, 0.3800, 0.3150

Trichromacy



Original Color

48.5471, 0.3836, 0.3205

Protanomaly

48.2543, 0.3395, 0.3266

Deuteranomaly

48.4397, 0.3621, 0.3339

Tritanomaly

48.3091, 0.3809, 0.3161

Monochromacy



Original Color

48.5471, 0.3836, 0.3205

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1729, 0.3366, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5471, 0.3836, 0.3205 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(245, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 171)  
}
```

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(245, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.5471, 0.3836, 0.3205 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(245, 163, 171) }
```

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

```
.border{ border-color:rgb(245, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5471, 0.3836, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 171) }
```

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

```
.background{ background-color: rgb(245,  
163, 171) }
```

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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