

Converting Colors

$Yxy(48.2865, 0.3883, 0.3241)$

Have a look what the booklet for
Yxy(48.2865, 0.3883, 0.3241)
contains.

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Color

Yxy(48.2235, 0.3888, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2A7
RGB	246, 162, 167
RGB Percent	96%, 64%, 65%
CMY	0.0352, 0.3647, 0.3452
CMYK	0.00, 0.34, 0.32, 0.04
HSL	356°, 82%, 80%
HSV	356°, 34%, 96%
XYZ	57.9039, 48.2235, 42.8025
YIQ	187.6860, 48.4590, 19.3630

Conversions

Conversions Part 2

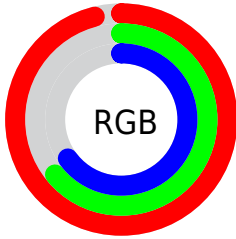
Format	Color
R _Y B	246, 162, 167
Decimal	16163495
CIE Lab	74.97, 31.77, 10.33
CIE LCh	75, 33.407, 18.008
Yxy	48.2235, 0.3888, 0.3238
Android (android.graphics.Color)	4294353575 (0xFFF6A2A7)
YUV	187.6860, -10.1982, 51.1414
Hunter-Lab	69.4431, 27.3136, 12.0658

Details

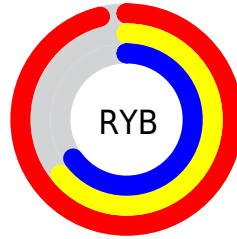
The Yxy color **48.2235, 0.3888, 0.3238** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.9570, 0.2667, 0.3345**, and the grayscale version is **50.1410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6767, 0.3370, 0.3251**, and **22.8664, 0.4112, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **39.6092, 0.4235, 0.3224**, and if you desaturate by 10%, it is **58.6909, 0.3604, 0.3254**.

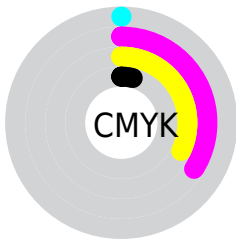
Distribution



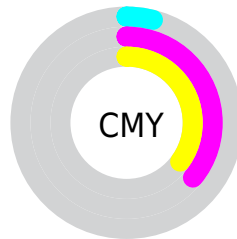
- Red (96%)
- Green (64%)
- Blue (65%)



- Red (96%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2235, 0.3888, 0.3238 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 48.2235, 0.3888, 0.3238 by changing the saturation by 10% instead.

 48.2235, 0.3888,
0.3238


 48.2235, 0.3888,
0.3238


379.6773, 0.3506,
0.3273

 34.0039, 0.3983,
0.3227


 87.5371, 0.3749,
0.3252

 22.8966, 0.4105,
0.3211


 113.3999, 0.3697,
0.3257

 14.5172, 0.4267,
0.3188


143.9125, 0.3653,
0.3261

 8.4812, 0.4491,
0.3151

179.4594, 0.3615,
0.3264

 4.4044, 0.4821,
0.3087

220.4249, 0.3583,
0.3267

 1.9023, 0.5344,
0.2963

267.1935, 0.3554,

 0.5497, 0.7159,

0.3269

0.2841

320.1495, 0.3529,
0.3271

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2235, 0.3888,
0.3238

48.2235, 0.3888,
0.3238

39.6092, 0.4235,
0.3224

58.6909, 0.3604,
0.3254

32.7337, 0.4646,
0.3213

71.1034, 0.3375,
0.3269

27.4807, 0.5104,
0.3209

85.5550, 0.3192,
0.3284

23.7168, 0.5569,
0.3216

98.3360, 0.3072,
0.3290

■ 21.2877, 0.5977,
0.3234

■ 20.0050, 0.6258,
0.3262

■ 19.6293, 0.6355,
0.3275

Harmonies

Analogous

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



48.2235, 0.3504, 0.2900



48.2235, 0.3888, 0.3238



48.2235, 0.4050, 0.3608

Triad

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



48.2235, 0.3888, 0.3238



48.2235, 0.3165, 0.4052



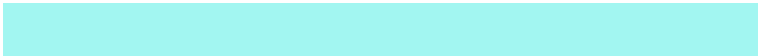
48.2235, 0.2357, 0.2616

Complementary

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



48.2235, 0.3888, 0.3238



79.9570, 0.2667, 0.3345

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.



48.2235, 0.2284, 0.2866



48.2235, 0.3888, 0.3238



48.2235, 0.2729, 0.3728

Square

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



48.2235, 0.3888, 0.3238



48.2235, 0.3611, 0.4116



48.2235, 0.2414, 0.3272



48.2235, 0.2621, 0.2550

Rectangle

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



48.2235, 0.3888, 0.3238



48.2235, 0.4006, 0.3836



48.2235, 0.2414, 0.3272



48.2235, 0.2311, 0.2679

Sweetspot

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



48.2258, 0.3888, 0.3238



83.3458, 0.3294, 0.3276



51.0939, 0.3120, 0.2429



17.3777, 0.3321, 0.3273



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.



48.2258, 0.3888, 0.3238



45.6386, 0.4122, 0.3228



62.7795, 0.3802, 0.3682



16.4984, 0.3284, 0.3276



10.4821, 0.6339, 0.3266



0.9268, 0.6187, 0.3182

Inverse Universe

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



48.2258, 0.3888, 0.3238



45.6386, 0.4122, 0.3228



60.2372, 0.2586, 0.2859



16.4984, 0.3284, 0.3276



10.4821, 0.6339, 0.3266



0.9268, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 48.2235, 0.3888, 0.3238 looks on a white background.

Color Contrast Check

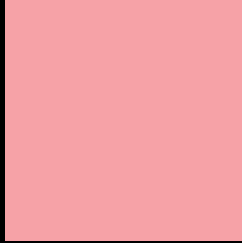
Large Text (above 18pt) WCAG AA × Fail

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 48.2235, 0.3888, 0.3238 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 48.2235, 0.3888, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 48.2235, 0.3888, 0.3238.



This preview shows how white text looks on a background with the Yxy color 48.2235, 0.3888, 0.3238.

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

48.2235, 0.3888, 0.3238

Protanopia

48.4828, 0.3218, 0.3354

Deuteranopia

48.2228, 0.3533, 0.3463



Tritanopia

48.2810, 0.3841, 0.3162

Trichromacy



Original Color

48.2235, 0.3888, 0.3238

Protanomaly

47.8475, 0.3441, 0.3303

Deuteranomaly

47.9096, 0.3660, 0.3374

Tritanomaly

48.2042, 0.3861, 0.3184

Monochromacy



Original Color

48.2235, 0.3888, 0.3238

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0908, 0.3383, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2235, 0.3888, 0.3238 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(246, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 167)  
}
```

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(246, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 167) }
```

Border

The CSS property to change the border of an element to Yxy 48.2235, 0.3888, 0.3238 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(246, 162, 167) }
```

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

```
.border{ border-color:rgb(246, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2235, 0.3888, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 167) }
```

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

```
.background{ background-color: rgb(246,  
162, 167) }
```

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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