

Converting Colors

$Yxy(47.0388, 0.3865, 0.3233)$

Have a look what the booklet for
Yxy(47.0388, 0.3865, 0.3233)
contains.

Yxy(47.1202, 0.3864, 0.3237)	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(47.1202, 0.3864, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	F2A1A6
RGB	242, 161, 166
RGB Percent	95%, 63%, 65%
CMY	0.0509, 0.3686, 0.3491
CMYK	0.00, 0.33, 0.31, 0.05
HSL	356°, 76%, 79%
HSV	356°, 33%, 95%
XYZ	56.2473, 47.1202, 42.2000
YIQ	185.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

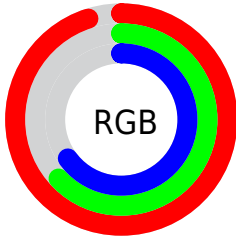
Format	Color
R_{YB}	242, 161, 166
Decimal	15901094
CIE _{Lab}	74.27, 30.70, 9.81
CIE _{LCh}	74, 32.233, 17.725
Yxy	47.1202, 0.3864, 0.3237
Android (android.graphics.Color)	4294091174 (0xFFFF2A1A6)
YUV	185.7890, -9.7560, 49.2970
Hunter-Lab	68.6442, 26.1363, 11.6015

Details

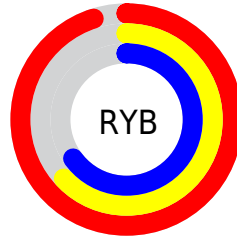
The Yxy color **47.1202, 0.3864, 0.3237** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.2037, 0.2676, 0.3346**, and the grayscale version is **49.0157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5922, 0.3380, 0.3240**, and **22.1304, 0.4082, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **38.7056, 0.4205, 0.3222**, and if you desaturate by 10%, it is **57.3234, 0.3585, 0.3253**.

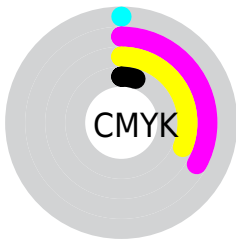
Distribution



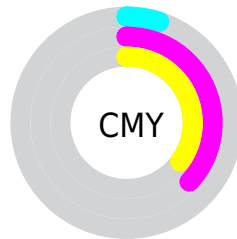
- Red (95%)
- Green (63%)
- Blue (65%)



- Red (95%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1202, 0.3864, 0.3237 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 47.1202, 0.3864, 0.3237 by changing the saturation by 10% instead.

 47.1202, 0.3864,
0.3237

 47.1202, 0.3864,
0.3237


375.2941, 0.3493,
0.3272

 33.1307, 0.3957,
0.3226


 85.8930, 0.3729,
0.3251

 22.2266, 0.4077,
0.3210


 111.4451, 0.3678,
0.3256

 14.0235, 0.4236,
0.3187


141.6202, 0.3635,
0.3260

 8.1370, 0.4457,
0.3151

176.8026, 0.3599,
0.3263

 4.1827, 0.4784,
0.3088

217.3769, 0.3567,
0.3266

 1.7763, 0.5310,
0.2963

263.7273, 0.3539,

 0.4723, 0.7259,

0.3268

0.2741

316.2382, 0.3515,
0.3270

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1202, 0.3864,
0.3237

47.1202, 0.3864,
0.3237

38.7056, 0.4205,
0.3222

57.3234, 0.3585,
0.3253

31.9702, 0.4610,
0.3211

69.4027, 0.3360,
0.3270

26.8033, 0.5064,
0.3206

83.4481, 0.3181,
0.3285

23.0782, 0.5530,
0.3212

97.6191, 0.3048,
0.3290

■ 20.6483, 0.5945,
0.3229

■ 19.3359, 0.6239,
0.3257

■ 18.9132, 0.6352,
0.3273

Harmonies

Analogous

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



47.1202, 0.3490, 0.2907



47.1202, 0.3864, 0.3237



47.1202, 0.4024, 0.3598

Triad

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



47.1202, 0.3864, 0.3237



47.1202, 0.3170, 0.4032



47.1202, 0.2375, 0.2636

Complementary

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



47.1202, 0.3864, 0.3237



77.2037, 0.2676, 0.3346

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.



47.1202, 0.2306, 0.2882



47.1202, 0.3864, 0.3237



47.1202, 0.2744, 0.3719

Square

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



47.1202, 0.3864, 0.3237



47.1202, 0.3603, 0.4092



47.1202, 0.2435, 0.3278



47.1202, 0.2631, 0.2569

Rectangle

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



47.1202, 0.3864, 0.3237



47.1202, 0.3983, 0.3820



47.1202, 0.2435, 0.3278



47.1202, 0.2330, 0.2698

Sweetspot

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



47.1225, 0.3864, 0.3237



83.3491, 0.3294, 0.3275



49.8396, 0.3121, 0.2447



17.3785, 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.



47.1225, 0.3864, 0.3237



46.5552, 0.4083, 0.3227



60.9801, 0.3785, 0.3674



15.7746, 0.3284, 0.3276



10.1659, 0.6336, 0.3264



0.8512, 0.6170, 0.3173

Inverse Universe

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



47.1225, 0.3864, 0.3237



46.5552, 0.4083, 0.3227



58.5694, 0.2597, 0.2870



15.7746, 0.3284, 0.3276



10.1659, 0.6336, 0.3264



0.8512, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 47.1202, 0.3864, 0.3237 looks on a white background.

Color Contrast Check

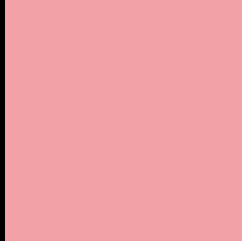
Large Text (above 18pt) WCAG AA × Fail

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 47.1202, 0.3864, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

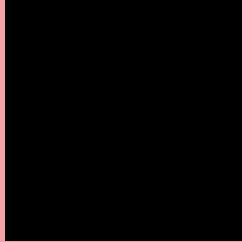
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1202, 0.3864, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 47.1202, 0.3864, 0.3237.



This preview shows how white text looks on a background with the Yxy color 47.1202, 0.3864, 0.3237.

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

47.1202, 0.3864, 0.3237

Protanopia

47.3216, 0.3219, 0.3355

Deuteranopia

47.1049, 0.3528, 0.3452



Tritanopia

47.1749, 0.3817, 0.3160

Trichromacy



Original Color

47.1202, 0.3864, 0.3237

Protanomaly

46.6991, 0.3444, 0.3303

Deuteranomaly

47.0218, 0.3645, 0.3375

Tritanomaly

47.0986, 0.3837, 0.3182

Monochromacy



Original Color

47.1202, 0.3864, 0.3237

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8208, 0.3368, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1202, 0.3864, 0.3237 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(242, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 166)  
}
```

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(242, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.1202, 0.3864, 0.3237 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(242, 161, 166) }
```

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

```
.border{ border-color:rgb(242, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1202, 0.3864, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 166) }
```

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

```
.background{ background-color: rgb(242,  
161, 166) }
```

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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