

Converting Colors

$Y_{xy}(43.6039, 0.3951, 0.3182)$

Have a look what the booklet for
Yxy(43.6039, 0.3951, 0.3182)
contains.

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Color

Yxy(43.5837, 0.3951, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	F297A1
RGB	242, 151, 161
RGB Percent	95%, 59%, 63%
CMY	0.0510, 0.4078, 0.3687
CMYK	0.00, 0.38, 0.33, 0.05
HSL	353°, 78%, 77%
HSV	353°, 38%, 95%
XYZ	54.1167, 43.5837, 39.2692
YIQ	179.3490, 51.0260, 22.4020

Conversions

Conversions Part 2

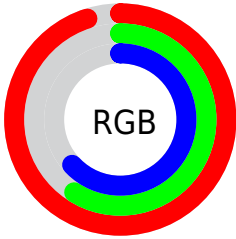
Format	Color
R _Y B	242, 151, 161
Decimal	15898529
CIE Lab	71.95, 35.32, 9.27
CIE LCh	72, 36.519, 14.713
Yxy	43.5837, 0.3951, 0.3182
Android (android.graphics.Color)	4294088609 (0xFFFF297A1)
YUV	179.3490, -9.0461, 54.9449
Hunter-Lab	66.0180, 30.7897, 10.9454

Details

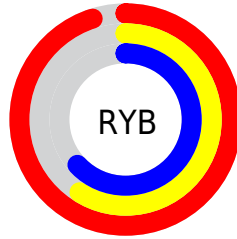
The Yxy color **43.5837, 0.3951, 0.3182** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.9133, 0.2651, 0.3406**, and the grayscale version is **45.3048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3605, 0.3431, 0.3189**, and **20.2398, 0.4192, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **35.8834, 0.4299, 0.3156**, and if you desaturate by 10%, it is **53.0178, 0.3664, 0.3211**.

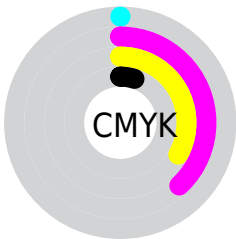
Distribution



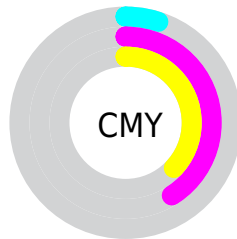
- Red (95%)
- Green (59%)
- Blue (63%)



- Red (95%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5837, 0.3951, 0.3182 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 43.5837, 0.3951, 0.3182 by changing the saturation by 10% instead.

 43.5837, 0.3951,
0.3182


 43.5837, 0.3951,
0.3182

361.0068, 0.3531,
0.3246

 30.3434, 0.4058,
0.3163


 80.5909, 0.3797,
0.3207

 20.0994, 0.4196,
0.3137


 105.1266, 0.3739,
0.3216

 12.4673, 0.4381,
0.3100


134.1963, 0.3691,
0.3223

 7.0628, 0.4641,
0.3042

168.1842, 0.3650,
0.3229

 3.5014, 0.5030,
0.2944

207.4748, 0.3614,
0.3235

 1.3988, 0.5676,
0.2761

252.4525, 0.3583,

 0.2158, 0.8345,

0.3239

0.1655

303.5017, 0.3555,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5837, 0.3951,
0.3182

43.5837, 0.3951,
0.3182

35.8834, 0.4299,
0.3156

53.0178, 0.3664,
0.3211

29.8054, 0.4705,
0.3137

64.2758, 0.3431,
0.3241

25.2352, 0.5151,
0.3132

77.4490, 0.3244,
0.3270

22.0404, 0.5597,
0.3146

92.6207, 0.3094,
0.3296

■ 20.0658, 0.5982,
0.3181

■ 97.6176, 0.3048,
0.3290

■ 19.1063, 0.6247,
0.3231

■ 18.9545, 0.6293,
0.3241

Harmonies

Analogous

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



43.5837, 0.3495, 0.2816



43.5837, 0.3951, 0.3182



43.5837, 0.4166, 0.3593

Triad

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



43.5837, 0.3951, 0.3182



43.5837, 0.3222, 0.4184



43.5837, 0.2246, 0.2553

Complementary

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



43.5837, 0.3951, 0.3182



75.9133, 0.2651, 0.3406

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.



43.5837, 0.2189, 0.2849



43.5837, 0.3951, 0.3182



43.5837, 0.2724, 0.3841

Square

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



43.5837, 0.3951, 0.3182



43.5837, 0.3717, 0.4213



43.5837, 0.2355, 0.3322



43.5837, 0.2515, 0.2461

Rectangle

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



43.5837, 0.3951, 0.3182



43.5837, 0.4135, 0.3855



43.5837, 0.2355, 0.3322



43.5837, 0.2203, 0.2629

Sweetspot

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



43.5858, 0.3951, 0.3182



81.8854, 0.3304, 0.3260



45.5998, 0.3079, 0.2334



17.0895, 0.3329, 0.3256



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.



43.5858, 0.3951, 0.3182



42.3835, 0.4207, 0.3162



56.1832, 0.3907, 0.3674



15.7870, 0.3276, 0.3264



10.1920, 0.6269, 0.3227



0.8571, 0.6005, 0.3082

Inverse Universe

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



43.5858, 0.3951, 0.3182



42.3835, 0.4207, 0.3162



57.6752, 0.2541, 0.2866



15.7870, 0.3276, 0.3264



10.1920, 0.6269, 0.3227



0.8571, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 43.5837, 0.3951, 0.3182 looks on a white background.

Color Contrast Check

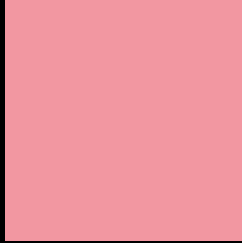
Large Text (above 18pt) WCAG AA × Fail

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 43.5837, 0.3951, 0.3182 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 43.5837, 0.3951, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 43.5837, 0.3951, 0.3182.



This preview shows how white text looks on a background with the Yxy color 43.5837, 0.3951, 0.3182.

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

43.5837, 0.3951, 0.3182

Protanopia

43.8491, 0.3171, 0.3303

Deuteranopia

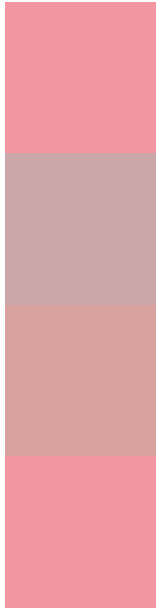
43.6356, 0.3523, 0.3444



Tritanopia

43.6191, 0.3940, 0.3171

Trichromacy



Original Color

43.5837, 0.3951, 0.3182

Protanomaly

43.2362, 0.3439, 0.3253

Deuteranomaly

43.2965, 0.3678, 0.3340

Tritanomaly

43.6191, 0.3940, 0.3171

Monochromacy



Original Color

43.5837, 0.3951, 0.3182

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9110, 0.3407, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5837, 0.3951, 0.3182 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, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(242, 151, 161)  
}
```

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, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 151, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.5837, 0.3951, 0.3182 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, 151, 161) }
```

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

```
.border{ border-color:rgb(242, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(242, 151,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5837, 0.3951, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 151, 161) }
```

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

```
.background{ background-color: rgb(242,  
151, 161) }
```

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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