

Converting Colors

$Y_{xy}(39.4330, 0.4200, 0.3179)$

Have a look what the booklet for
Yxy(39.4330, 0.4200, 0.3179)
contains.

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Color

Yxy(39.5907, 0.4201, 0.3185)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F68993 |
| RGB | 246, 137, 147 |
| RGB Percent | 96%, 54%, 58% |
| CMY | 0.0353, 0.4627, 0.4235 |
| CMYK | 0.00, 0.44, 0.40, 0.04 |
| HSL | 354°, 86%, 75% |
| HSV | 354°, 44%, 96% |
| XYZ | 52.2199, 39.5907, 32.4930 |
| YIQ | 170.7310, 61.7540, 26.2180 |

Conversions

Conversions Part 2

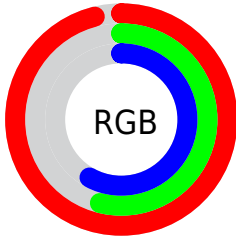
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 137, 147 |
| Decimal | 16157075 |
| CIE Lab | 69.18, 42.37, 13.21 |
| CIE LCh | 69, 44.382, 17.310 |
| Yxy | 39.5907, 0.4201, 0.3185 |
| Android (android.graphics.Color) | 4294347155 (0xFFFF68993) |
| YUV | 170.7310, -11.6994, 66.0109 |
| Hunter-Lab | 62.9211, 38.0300, 13.4270 |

Details

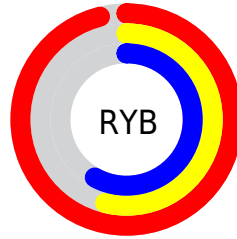
The Yxy color **39.5907, 0.4201, 0.3185** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.2910, 0.2574, 0.3406**, and the grayscale version is **40.6203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1763, 0.3576, 0.3198**, and **17.6428, 0.4520, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **32.7432, 0.4598, 0.3168**, and if you desaturate by 10%, it is **48.1727, 0.3866, 0.3208**.

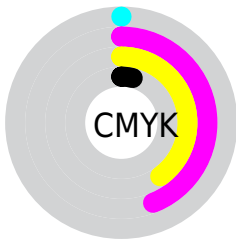
Distribution



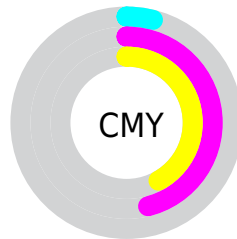
- Red (96%)
- Green (54%)
- Blue (58%)



- Red (96%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5907, 0.4201, 0.3185 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 39.5907, 0.4201, 0.3185 by changing the saturation by 10% instead.


 39.5907, 0.4201,
0.3185


 39.5907, 0.4201,
0.3185


344.3954, 0.3645,
0.3255


 27.2196, 0.4345,
0.3162

 74.5398, 0.3995,
0.3215

 17.7382, 0.4531,
0.3128


 97.8866, 0.3919,
0.3225

 10.7622, 0.4783,
0.3077


 125.6608, 0.3855,
0.3233

 5.9072, 0.5138,
0.2995

158.2467, 0.3800,
0.3239

 2.7887, 0.5668,
0.2847

196.0287, 0.3753,
0.3244

 1.0224, 0.6843,
0.2678

239.3912, 0.3713,

 0.0000, 1.0000,

0.3249

0.0000

288.7186, 0.3677,
0.3252

0.0000, 0.0000,
0.0000

39.5907, 0.4201,
0.3185

39.5907, 0.4201,
0.3185

32.7432, 0.4598,
0.3168

48.1727, 0.3866,
0.3208

27.5064, 0.5043,
0.3160

58.5898, 0.3591,
0.3233

23.7500, 0.5500,
0.3167

70.9423, 0.3370,
0.3257

21.3206, 0.5911,
0.3193

85.3212, 0.3192,
0.3280

20.0312, 0.6210,
0.3233

98.3341, 0.3072,
0.3290

■ 19.6542, 0.6319,
0.3255

Harmonies

Analogous

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



39.5907, 0.3640, 0.2741



39.5907, 0.4201, 0.3185



39.5907, 0.4432, 0.3681

Triad

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



39.5907, 0.4201, 0.3185



39.5907, 0.3172, 0.4413



39.5907, 0.2068, 0.2358

Complementary

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



39.5907, 0.4201, 0.3185



77.2910, 0.2574, 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.



39.5907, 0.1975, 0.2686



39.5907, 0.4201, 0.3185



39.5907, 0.2570, 0.3940

Square

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



39.5907, 0.4201, 0.3185



39.5907, 0.3795, 0.4457



39.5907, 0.2145, 0.3260



39.5907, 0.2409, 0.2280

Rectangle

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



39.5907, 0.4201, 0.3185



39.5907, 0.4362, 0.4003



39.5907, 0.2145, 0.3260



39.5907, 0.2008, 0.2439

Sweetspot

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



39.5927, 0.4201, 0.3185



78.8532, 0.3345, 0.3260



42.2266, 0.3082, 0.2173



16.1903, 0.3388, 0.3255



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.



39.5927, 0.4201, 0.3185



36.3296, 0.4547, 0.3169



54.2873, 0.4087, 0.3762



16.5072, 0.3279, 0.3269



10.4986, 0.6298, 0.3243



0.9309, 0.6078, 0.3122

Inverse Universe

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



39.5927, 0.4201, 0.3185



36.3296, 0.4547, 0.3169



54.4043, 0.2436, 0.2751



16.5072, 0.3279, 0.3269



10.4986, 0.6298, 0.3243



0.9309, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 39.5907, 0.4201, 0.3185 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 39.5907, 0.4201, 0.3185 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 39.5907, 0.4201, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 39.5907, 0.4201, 0.3185.



This preview shows how white text looks on a background with the Yxy color 39.5907, 0.4201, 0.3185.

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

39.5907, 0.4201, 0.3185

Protanopia

40.0549, 0.3216, 0.3359

Deuteranopia

39.7797, 0.3626, 0.3556



Tritanopia

39.5907, 0.4201, 0.3185

Trichromacy



Original Color

39.5907, 0.4201, 0.3185

Protanomaly

38.8619, 0.3547, 0.3278

Deuteranomaly

39.4210, 0.3841, 0.3416

Tritanomaly

39.5907, 0.4201, 0.3185

Monochromacy



Original Color

39.5907, 0.4201, 0.3185

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4107, 0.3483, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5907, 0.4201, 0.3185 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, 137, 147)` looks like.

```
.text, #text, p{  
    color:rgb(246, 137, 147)  
}
```

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, 137, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 137, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.5907, 0.4201, 0.3185 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, 137, 147) }
```

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

```
.border{ border-color:rgb(246, 137, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 137, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 137, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 137, 147);  
box-shadow:4px 4px 4px 4px rgb(246, 137,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5907, 0.4201, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 137, 147) }
```

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

```
.background{ background-color: rgb(246,  
137, 147) }
```

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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