

Converting Colors

$Yxy(39.6752, 0.3854, 0.3204)$

Have a look what the booklet for
Yxy(39.6752, 0.3854, 0.3204)
contains.

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Color

Yxy(39.5877, 0.3848, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	E1949C
RGB	225, 148, 156
RGB Percent	88%, 58%, 61%
CMY	0.1176, 0.4196, 0.3882
CMYK	0.00, 0.34, 0.31, 0.12
HSL	354°, 56%, 73%
HSV	354°, 34%, 88%
XYZ	47.6489, 39.5877, 36.5911
YIQ	171.9350, 43.3240, 18.8120

Conversions

Conversions Part 2

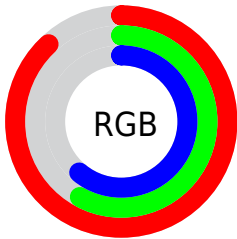
Format	Color
R_{YB}	225, 148, 156
Decimal	14783644
CIE _{Lab}	69.17, 30.07, 7.80
CIE _{LCh}	69, 31.062, 14.551
Yxy	39.5877, 0.3848, 0.3197
Android (android.graphics.Color)	4292973724 (0xFFE1949C)
YUV	171.9350, -7.8560, 46.5380
Hunter-Lab	62.9188, 25.0717, 9.5624

Details

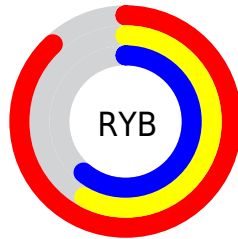
The Yxy color **39.5877, 0.3848, 0.3197** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.1681, 0.2686, 0.3388**, and the grayscale version is **41.2460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6250, 0.3482, 0.3219**, and **17.7105, 0.4074, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **32.5765, 0.4175, 0.3171**, and if you desaturate by 10%, it is **48.0881, 0.3580, 0.3225**.

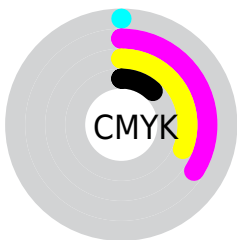
Distribution



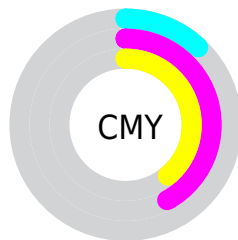
- Red (88%)
- Green (58%)
- Blue (61%)



- Red (88%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (12%)




- Cyan (12%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5877, 0.3848, 0.3197 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 39.5877, 0.3848, 0.3197 by changing the saturation by 10% instead.


 39.5877, 0.3848,
0.3197


 39.5877, 0.3848,
0.3197


344.3827, 0.3475,
0.3252

 27.2172, 0.3945,
0.3181


 74.5353, 0.3709,
0.3219

 17.7364, 0.4072,
0.3158


 97.8812, 0.3658,
0.3227

 10.7609, 0.4244,
0.3124


125.6543, 0.3615,
0.3233

 5.9063, 0.4492,
0.3072

158.2391, 0.3579,
0.3238

 2.7882, 0.4874,
0.2980

196.0199, 0.3548,
0.3242

 1.0222, 0.5612,
0.2835

239.3812, 0.3520,

 0.0000, 1.0000,

0.3246

0.0000

288.7074, 0.3496,
0.3249

 0.0000, 0.0000,
0.0000


 39.5877, 0.3848,
0.3197

 39.5877, 0.3848,
0.3197


 32.5765, 0.4175,
0.3171


 48.0881, 0.3580,
0.3225


 26.9634, 0.4562,
0.3150


 58.1505, 0.3364,
0.3253


 22.6562, 0.4998,
0.3141

 69.8501, 0.3190,
0.3279

 19.5491, 0.5450,
0.3147

 83.2551, 0.3050,
0.3304

 17.5200, 0.5863,
0.3173

 94.7514, 0.2946,
0.3289

■ 16.4205, 0.6174,
0.3218

■ 16.0751, 0.6296,
0.3242

Harmonies

Analogous

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



39.5877, 0.3450, 0.2869



39.5877, 0.3848, 0.3197



39.5877, 0.4038, 0.3564

Triad

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



39.5877, 0.3848, 0.3197



39.5877, 0.3218, 0.4068



39.5877, 0.2344, 0.2640

Complementary

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



39.5877, 0.3848, 0.3197



65.1681, 0.2686, 0.3388

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.



39.5877, 0.2294, 0.2909



39.5877, 0.3848, 0.3197



39.5877, 0.2777, 0.3772

Square

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



39.5877, 0.3848, 0.3197



39.5877, 0.3654, 0.4100



39.5877, 0.2446, 0.3325



39.5877, 0.2585, 0.2553

Rectangle

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



39.5877, 0.3848, 0.3197



39.5877, 0.4016, 0.3796



39.5877, 0.2446, 0.3325



39.5877, 0.2305, 0.2710

Sweetspot

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



39.5896, 0.3848, 0.3197



83.4109, 0.3287, 0.3264



41.2193, 0.3086, 0.2422



17.3933, 0.3312, 0.3260



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.



39.5896, 0.3848, 0.3197



45.8021, 0.4072, 0.3178



49.7997, 0.3815, 0.3638



13.7236, 0.3276, 0.3266



9.2691, 0.6273, 0.3229



0.6504, 0.5975, 0.3065

Inverse Universe

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



39.5896, 0.3848, 0.3197



45.8021, 0.4072, 0.3178



50.9851, 0.2594, 0.2912



13.7236, 0.3276, 0.3266



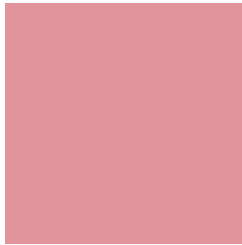
9.2691, 0.6273, 0.3229



0.6504, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 39.5877, 0.3848, 0.3197 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 39.5877, 0.3848, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

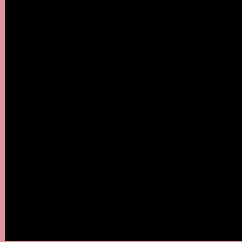
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5877, 0.3848, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 39.5877, 0.3848, 0.3197.



This preview shows how white text looks on a background with the Yxy color 39.5877, 0.3848, 0.3197.

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

39.5877, 0.3848, 0.3197

Protanopia

39.6795, 0.3182, 0.3304

Deuteranopia

39.5707, 0.3490, 0.3424



Tritanopia

39.6906, 0.3816, 0.3162

Trichromacy



Original Color

39.5877, 0.3848, 0.3197

Protanomaly

39.3405, 0.3410, 0.3264

Deuteranomaly

39.4833, 0.3614, 0.3343

Tritanomaly

39.6560, 0.3827, 0.3174

Monochromacy



Original Color

39.5877, 0.3848, 0.3197

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0239, 0.3368, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5877, 0.3848, 0.3197 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(225, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(225, 148, 156)  
}
```

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(225, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 148, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.5877, 0.3848, 0.3197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

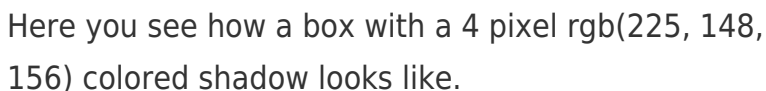
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 148, 156) }
```

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

```
.border{ border-color:rgb(225, 148, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(225, 148,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5877, 0.3848, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 148, 156) }
```

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

```
.background{ background-color: rgb(225,  
148, 156) }
```

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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