

Converting Colors

Yxy(39.1525, 0.4117, 0.3293)

Have a look what the booklet for
Yxy(39.1525, 0.4117, 0.3293)
contains.

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Color

Yxy(39.2903, 0.4110, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	EB8F8F
RGB	235, 143, 143
RGB Percent	92%, 56%, 56%
CMY	0.0785, 0.4392, 0.4392
CMYK	0.00, 0.39, 0.39, 0.08
HSL	0°, 70%, 74%
HSV	0°, 39%, 92%
XYZ	49.0383, 39.2903, 30.9860
YIQ	170.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

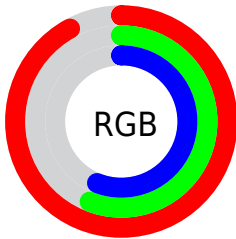
Format	Color
RYB	235, 143, 143
Decimal	15437711
CIELab	68.96, 34.81, 14.93
CIELCh	69, 37.879, 23.217
Yxy	39.2903, 0.4110, 0.3293
Android (android.graphics.Color)	4293627791 (0xFFEB8F8F)
YUV	170.5080, -13.5614, 56.5595
Hunter-Lab	62.6820, 29.9533, 14.5682

Details

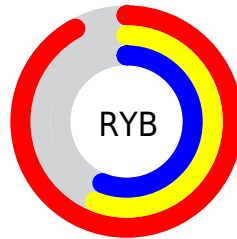
The Yxy color **39.2903, 0.4110, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.2398, 0.2586, 0.3288**, and the grayscale version is **40.5154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6794, 0.3595, 0.3302**, and **17.5026, 0.4406, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **32.3213, 0.4513, 0.3294**, and if you desaturate by 10%, it is **47.8896, 0.3775, 0.3292**.

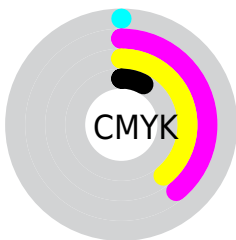
Distribution



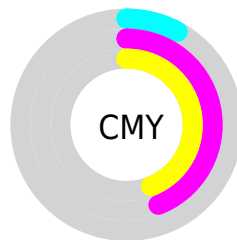
- Red (92%)
- Green (56%)
- Blue (56%)



- Red (92%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (8%)





- Cyan (8%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2903, 0.4110, 0.3293 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 39.2903, 0.4110, 0.3293 by changing the saturation by 10% instead.


 39.2903, 0.4110,
0.3293


 39.2903, 0.4110,
0.3293


343.1231, 0.3600,
0.3308

 26.9856, 0.4242,
0.3284


 74.0816, 0.3921,
0.3302

 17.5624, 0.4415,
0.3268

 97.3370, 0.3851,
0.3305

 10.6363, 0.4648,
0.3241


125.0115, 0.3792,
0.3306

 5.8228, 0.4979,
0.3192

157.4893, 0.3742,
0.3307

 2.7377, 0.5478,
0.3090

195.1551, 0.3699,
0.3307

 0.9964, 0.6802,
0.3086


238.3930, 0.3661,

 0.0000, 1.0000,

0.3308


0.0000


287.5876, 0.3629,
0.3308


 0.0000, 0.0000,
0.0000


 39.2903, 0.4110,
0.3293


 39.2903, 0.4110,
0.3293


 32.3213, 0.4513,
0.3294


 47.8896, 0.3775,
0.3292


 26.8744, 0.4973,
0.3296


 58.2067, 0.3504,
0.3291

 22.8376, 0.5456,
0.3297

 70.3302, 0.3287,
0.3291

 20.0810, 0.5898,
0.3298

 84.3405, 0.3114,
0.3290

 18.4508, 0.6222,
0.3299

 96.4000, 0.3005,
0.3290

■ 17.7087, 0.6389,
0.3300

■ 17.6607, 0.6401,
0.3300

Harmonies

Analogous

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



39.2903, 0.3677, 0.2885



39.2903, 0.4110, 0.3293



39.2903, 0.4246, 0.3730

Triad

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



39.2903, 0.4110, 0.3293



39.2903, 0.3067, 0.4183



39.2903, 0.2247, 0.2453

Complementary

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



39.2903, 0.4110, 0.3293



71.2398, 0.2586, 0.3288

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.



39.2903, 0.2121, 0.2703



39.2903, 0.4110, 0.3293



39.2903, 0.2563, 0.3733

Square

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



39.2903, 0.4110, 0.3293



39.2903, 0.3614, 0.4308



39.2903, 0.2228, 0.3163



39.2903, 0.2591, 0.2418

Rectangle

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



39.2903, 0.4110, 0.3293



39.2903, 0.4149, 0.3997



39.2903, 0.2228, 0.3163



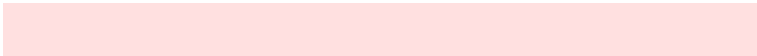
39.2903, 0.2179, 0.2511

Sweetspot

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



39.2922, 0.4110, 0.3293



80.1923, 0.3345, 0.3291



43.3029, 0.3172, 0.2326



16.7457, 0.3372, 0.3291



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.



39.2922, 0.4110, 0.3293



40.3877, 0.4430, 0.3294



56.0361, 0.3900, 0.3806



15.0544, 0.3293, 0.3291



9.8303, 0.6401, 0.3300



0.7720, 0.6400, 0.3300

Inverse Universe

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



71.2398, 0.2586, 0.3288



83.8934, 0.2501, 0.3288



48.2300, 0.2497, 0.2705



17.1216, 0.2981, 0.3290



36.3967, 0.2246, 0.3287



2.8581, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 39.2903, 0.4110, 0.3293 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 39.2903, 0.4110, 0.3293 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 39.2903, 0.4110, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 39.2903, 0.4110, 0.3293.



This preview shows how white text looks on a background with the Yxy color 39.2903, 0.4110, 0.3293.

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

39.2903, 0.4110, 0.3293

Protanopia

39.5195, 0.3297, 0.3458

Deuteranopia

39.3362, 0.3658, 0.3583



Tritanopia

39.4459, 0.4025, 0.3179

Trichromacy



Original Color

39.2903, 0.4110, 0.3293

Protanomaly

38.9010, 0.3581, 0.3396

Deuteranomaly

39.0674, 0.3827, 0.3468

Tritanomaly

39.3488, 0.4058, 0.3213

Monochromacy



Original Color

39.2903, 0.4110, 0.3293

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5323, 0.3449, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2903, 0.4110, 0.3293 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(235, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 143, 143)  
}
```

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(235, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 143, 143) }
```

Border

The CSS property to change the border of an element to Yxy 39.2903, 0.4110, 0.3293 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(235, 143, 143) }
```

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

```
.border{ border-color:rgb(235, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 143,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2903, 0.4110, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 143, 143) }
```

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

```
.background{ background-color: rgb(235,  
143, 143) }
```

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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