

Converting Colors

$Yxy(38.9785, 0.4325, 0.3538)$

Have a look what the booklet for
Yxy(38.9785, 0.4325, 0.3538)
contains.

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Color

Yxy(39.0138, 0.4333, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	EB907A
RGB	235, 144, 122
RGB Percent	92%, 56%, 48%
CMY	0.0785, 0.4352, 0.5216
CMYK	0.00, 0.39, 0.48, 0.08
HSL	12°, 74%, 70%
HSV	12°, 48%, 92%
XYZ	47.7398, 39.0138, 23.4237
YIQ	168.7010, 61.2980, 12.4500

Conversions

Conversions Part 2

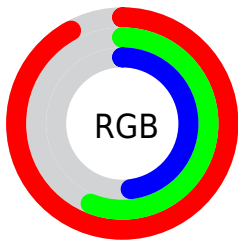
Format	Color
RYB	235, 149, 122
Decimal	15437946
CIELab	68.76, 32.10, 26.30
CIElCh	69, 41.500, 39.329
Yxy	39.0138, 0.4333, 0.3541
Android (android.graphics.Color)	4293628026 (0xFFEB907A)
YUV	168.7010, -23.0236, 58.1442
Hunter-Lab	62.4610, 27.1233, 21.4882

Details

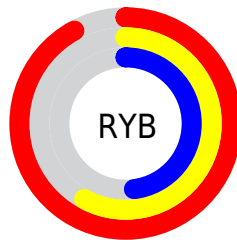
The Yxy color **39.0138, 0.4333, 0.3541** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.6928, 0.2441, 0.3009**, and the grayscale version is **39.6153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2020, 0.3770, 0.3542**, and **17.3654, 0.4705, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **33.2431, 0.4720, 0.3580**, and if you desaturate by 10%, it is **45.8893, 0.3993, 0.3491**.

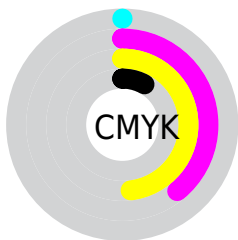
Distribution



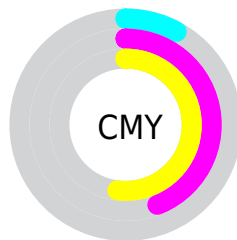
- Red (92%)
- Green (56%)
- Blue (48%)



- Red (92%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (48%)
- Black (8%)





- Cyan (8%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0138, 0.4333, 0.3541 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 39.0138, 0.4333, 0.3541 by changing the saturation by 10% instead.


 39.0138, 0.4333,
0.3541


 39.0138, 0.4333,
0.3541


341.9492, 0.3708,
0.3442


 26.7705, 0.4493,
0.3555


 73.6594, 0.4102,
0.3512

 17.4009, 0.4699,
0.3566


 96.8305, 0.4017,
0.3499

 10.5207, 0.4972,
0.3569


 124.4129, 0.3945,
0.3488

 5.7456, 0.5348,
0.3546

156.7910, 0.3883,
0.3477

 2.6910, 0.5952,
0.3498

194.3494, 0.3830,
0.3467

 0.9726, 0.6766,
0.3234

237.4722, 0.3784,

 0.0000, 1.0000,

0.3458

0.0000

286.5440, 0.3744,
0.3450

■ 0.0000, 0.0000,
0.0000

■ 39.0138, 0.4333,
0.3541

■ 39.0138, 0.4333,
0.3541

■ 33.2431, 0.4720,
0.3580

■ 45.8893, 0.3993,
0.3491

■ 28.5131, 0.5137,
0.3599

■ 53.9174, 0.3704,
0.3436

■ 24.7621, 0.5549,
0.3588

■ 63.1503, 0.3462,
0.3382

■ 21.9193, 0.5907,
0.3543

■ 73.6352, 0.3263,
0.3330

■ 19.9014, 0.6166,
0.3467

■ 85.4166, 0.3098,
0.3281

 19.5972, 0.6207,
0.3454

 96.3974, 0.3005,
0.3290

Harmonies

Analogous

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



39.0138, 0.4019, 0.3075



39.0138, 0.4333, 0.3541



39.0138, 0.4277, 0.3999

Triad

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



39.0138, 0.4333, 0.3541



39.0138, 0.2745, 0.4046



39.0138, 0.2341, 0.2332

Complementary

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



39.0138, 0.4333, 0.3541



57.6928, 0.2441, 0.3009

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.



39.0138, 0.2077, 0.2470



39.0138, 0.4333, 0.3541



39.0138, 0.2285, 0.3435

Square

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



39.0138, 0.4333, 0.3541



39.0138, 0.3336, 0.4392



39.0138, 0.2055, 0.2849



39.0138, 0.2824, 0.2412

Rectangle

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



39.0138, 0.4333, 0.3541



39.0138, 0.4054, 0.4248



39.0138, 0.2055, 0.2849



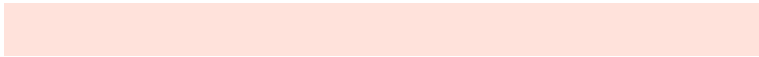
39.0138, 0.2227, 0.2352

Sweetspot

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



39.0158, 0.4333, 0.3541



80.9252, 0.3377, 0.3360



36.4429, 0.3382, 0.2309



16.7505, 0.3422, 0.3372



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.



39.0158, 0.4333, 0.3541



39.9149, 0.4727, 0.3581



59.9991, 0.4012, 0.4134



15.5294, 0.3288, 0.3337



11.0498, 0.6183, 0.3472



0.9986, 0.5928, 0.3675

Inverse Universe

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



57.6928, 0.2441, 0.3009



64.8320, 0.2328, 0.2939



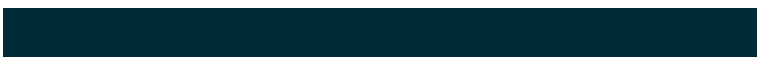
34.5086, 0.2299, 0.2254



16.5937, 0.2981, 0.3243



23.8179, 0.2070, 0.2653



1.9978, 0.2098, 0.2751

Previews

White Background



This preview shows how the Yxy color 39.0138, 0.4333, 0.3541 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 39.0138, 0.4333, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

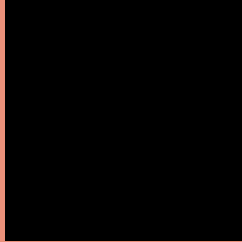
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0138, 0.4333, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 39.0138, 0.4333, 0.3541.



This preview shows how white text looks on a background with the Yxy color 39.0138, 0.4333, 0.3541.

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

39.0138, 0.4333, 0.3541

Protanopia

39.2824, 0.3543, 0.3779

Deuteranopia

39.1010, 0.3915, 0.3837



Tritanopia

38.9627, 0.4065, 0.3180

Trichromacy



Original Color

39.0138, 0.4333, 0.3541

Protanomaly

38.5234, 0.3818, 0.3685

Deuteranomaly

38.9449, 0.4070, 0.3725

Tritanomaly

38.7761, 0.4163, 0.3304

Monochromacy



Original Color

39.0138, 0.4333, 0.3541

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7461, 0.3528, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0138, 0.4333, 0.3541 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, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(235, 144, 122)  
}
```

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, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 144, 122) }
```

Border

The CSS property to change the border of an element to Yxy 39.0138, 0.4333, 0.3541 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, 144, 122) }
```

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

```
.border{ border-color:rgb(235, 144, 122) }
```

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

Here you see how a box with a 4 pixel rgb(235, 144, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(235, 144,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0138, 0.4333, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 144, 122) }
```

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

```
.background{ background-color: rgb(235,  
144, 122) }
```

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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