

Converting Colors

$Yxy(39.1476, 0.4207, 0.3399)$

Have a look what the booklet for
Yxy(39.1476, 0.4207, 0.3399)
contains.

Yxy(39.0283, 0.4209, 0.3395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.0283, 0.4209, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	EB8F86
RGB	235, 143, 134
RGB Percent	92%, 56%, 53%
CMY	0.0785, 0.4392, 0.4744
CMYK	0.00, 0.39, 0.43, 0.08
HSL	5°, 72%, 72%
HSV	5°, 43%, 92%
XYZ	48.3859, 39.0283, 27.5440
YIQ	169.4820, 57.7210, 16.7050

Conversions

Conversions Part 2

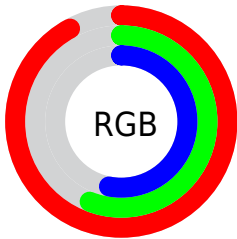
Format	Color
R _Y B	235, 144, 134
Decimal	15437702
CIE Lab	68.77, 33.84, 19.67
CIE LCh	69, 39.142, 30.166
Yxy	39.0283, 0.4209, 0.3395
Android (android.graphics.Color)	4293627782 (0xFFEB8F86)
YUV	169.4820, -17.4926, 57.4593
Hunter-Lab	62.4726, 28.9235, 17.5901

Details

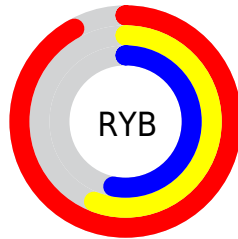
The Yxy color **39.0283, 0.4209, 0.3395** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.4628, 0.2526, 0.3178**, and the grayscale version is **39.9963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2360, 0.3676, 0.3406**, and **17.3524, 0.4548, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **32.6195, 0.4608, 0.3415**, and if you desaturate by 10%, it is **46.8131, 0.3869, 0.3371**.

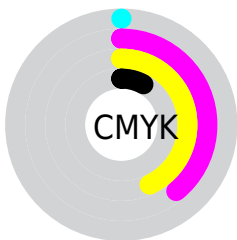
Distribution



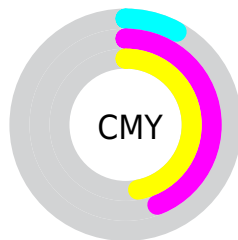
- Red (92%)
- Green (56%)
- Blue (53%)



- Red (92%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (43%)
- Black (8%)





- Cyan (8%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0283, 0.4209, 0.3395 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 39.0283, 0.4209, 0.3395 by changing the saturation by 10% instead.


 39.0283, 0.4209,
0.3395

 39.0283, 0.4209,
0.3395

342.0108, 0.3647,
0.3363


 26.7817, 0.4354,
0.3396


 73.6815, 0.4000,
0.3389

 17.4094, 0.4543,
0.3391


 96.8570, 0.3923,
0.3385

 10.5268, 0.4798,
0.3377


 124.4443, 0.3859,
0.3381

 5.7496, 0.5155,
0.3340

156.8277, 0.3804,
0.3377

 2.6934, 0.5683,
0.3247

194.3916, 0.3756,
0.3373

 0.9739, 0.6846,
0.3154

237.5206, 0.3715,

 0.0000, 1.0000,

0.3369

0.0000

286.5988, 0.3679,
0.3366

0.0000, 0.0000,
0.0000

39.0283, 0.4209,
0.3395

39.0283, 0.4209,
0.3395

32.6195, 0.4608,
0.3415

46.8131, 0.3869,
0.3371

27.5010, 0.5054,
0.3427

56.0413, 0.3589,
0.3345

23.5869, 0.5511,
0.3425

66.7830, 0.3360,
0.3320

20.7782, 0.5920,
0.3405

79.1018, 0.3175,
0.3297

18.9600, 0.6217,
0.3369

93.0580, 0.3025,
0.3275

■ 18.1944, 0.6345,
0.3344

■ 96.4010, 0.3005,
0.3290

Harmonies

Analogous

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



39.0283, 0.3820, 0.2962



39.0283, 0.4209, 0.3395



39.0283, 0.4266, 0.3841

Triad

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



39.0283, 0.4209, 0.3395



39.0283, 0.2933, 0.4135



39.0283, 0.2281, 0.2398

Complementary

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



39.0283, 0.4209, 0.3395



65.4628, 0.2526, 0.3178

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.



39.0283, 0.2098, 0.2601



39.0283, 0.4209, 0.3395



39.0283, 0.2444, 0.3613

Square

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



39.0283, 0.4209, 0.3395



39.0283, 0.3502, 0.4349



39.0283, 0.2152, 0.3030



39.0283, 0.2683, 0.2412

Rectangle

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



39.0283, 0.4209, 0.3395



39.0283, 0.4117, 0.4102



39.0283, 0.2152, 0.3030



39.0283, 0.2195, 0.2441

Sweetspot

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



39.0302, 0.4209, 0.3395



80.2688, 0.3362, 0.3320



40.2394, 0.3253, 0.2313



16.5335, 0.3409, 0.3326



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.



39.0302, 0.4209, 0.3395



39.7818, 0.4577, 0.3414



57.4878, 0.3954, 0.3945



15.2695, 0.3291, 0.3312



10.2039, 0.6331, 0.3355



0.8754, 0.6167, 0.3485

Inverse Universe

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



65.4628, 0.2526, 0.3178



75.6052, 0.2427, 0.3150



42.1544, 0.2416, 0.2522



16.8791, 0.2981, 0.3268



30.2242, 0.2169, 0.3009



2.4406, 0.2181, 0.3051

Previews

White Background



This preview shows how the Yxy color 39.0283, 0.4209, 0.3395 looks on a white background.

Color Contrast Check

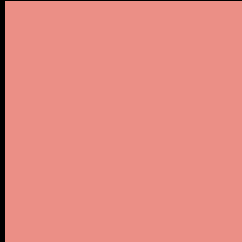
Large Text (above 18pt) WCAG AA × Fail

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 39.0283, 0.4209, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

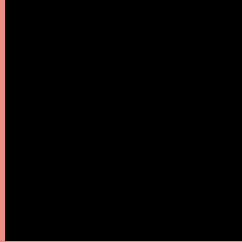
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0283, 0.4209, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 39.0283, 0.4209, 0.3395.



This preview shows how white text looks on a background with the Yxy color 39.0283, 0.4209, 0.3395.

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

39.0283, 0.4209, 0.3395

Protanopia

39.3107, 0.3396, 0.3599

Deuteranopia

38.9987, 0.3769, 0.3687



Tritanopia

38.8234, 0.4044, 0.3168

Trichromacy



Original Color

39.0283, 0.4209, 0.3395

Protanomaly

38.6196, 0.3669, 0.3516

Deuteranomaly

38.6260, 0.3934, 0.3568

Tritanomaly

38.9270, 0.4107, 0.3248

Monochromacy



Original Color

39.0283, 0.4209, 0.3395

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8794, 0.3489, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0283, 0.4209, 0.3395 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(235, 143, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 143, 134) }
```

Border

The CSS property to change the border of an element to Yxy 39.0283, 0.4209, 0.3395 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, 134) }
```

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

```
.border{ border-color:rgb(235, 143, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 143, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 143, 134);  
box-shadow:4px 4px 4px 4px rgb(235, 143,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0283, 0.4209, 0.3395 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, 134) }
```

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

```
.background{ background-color: rgb(235,  
143, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor