

Converting Colors

Yxy(39.8348, 0.4099, 0.3226)

Have a look what the booklet for
Yxy(39.8348, 0.4099, 0.3226)
contains.

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Color

Yxy(39.8348, 0.4099, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	EF8E94
RGB	239, 142, 148
RGB Percent	94%, 56%, 58%
CMY	0.0627, 0.4431, 0.4197
CMYK	0.00, 0.41, 0.38, 0.06
HSL	356°, 75%, 75%
HSV	356°, 41%, 94%
XYZ	50.6146, 39.8348, 33.0310
YIQ	171.6870, 55.8860, 22.4300

Conversions

Conversions Part 2

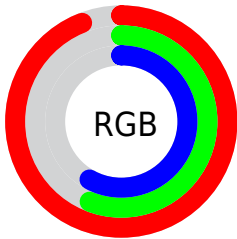
Format	Color
R _Y B	239, 142, 148
Decimal	15699604
CIE Lab	69.35, 37.38, 12.77
CIE LCh	69, 39.501, 18.866
Yxy	39.8348, 0.4099, 0.3226
Android (android.graphics.Color)	4293889684 (0xFFEF8E94)
YUV	171.6870, -11.6777, 59.0335
Hunter-Lab	63.1148, 32.6964, 13.1511

Details

The Yxy color **39.8348, 0.4099, 0.3226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.3710, 0.2598, 0.3360**, and the grayscale version is **41.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4568, 0.3557, 0.3240**, and **17.8787, 0.4401, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **32.8281, 0.4486, 0.3213**, and if you desaturate by 10%, it is **48.5077, 0.3777, 0.3242**.

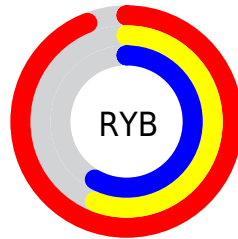
Distribution



Red (94%)

Green (56%)

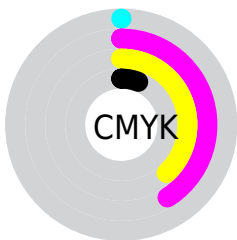
Blue (58%)



Red (94%)

Yellow (56%)

Blue (58%)

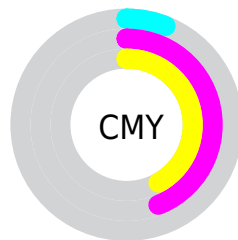


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (6%)



Cyan (6%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8348, 0.4099, 0.3226 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 39.8348, 0.4099, 0.3226 by changing the saturation by 10% instead.


 39.8348, 0.4099,
0.3226


 39.8348, 0.4099,
0.3226

345.4268, 0.3596,
0.3273

 27.4098, 0.4229,
0.3209


 74.9119, 0.3913,
0.3247

 17.8812, 0.4399,
0.3185


 98.3327, 0.3844,
0.3254

 10.8647, 0.4628,
0.3146


126.1876, 0.3786,
0.3259

 5.9759, 0.4952,
0.3082

158.8610, 0.3736,
0.3263

 2.8305, 0.5441,
0.2964

196.7372, 0.3694,
0.3266

 1.0439, 0.6523,
0.2839

240.2006, 0.3657,

 0.0000, 1.0000,

0.3269

0.0000

289.6357, 0.3625,
0.3271

0.0000, 0.0000,
0.0000

39.8348, 0.4099,
0.3226

39.8348, 0.4099,
0.3226

32.8281, 0.4486,
0.3213

48.5077, 0.3777,
0.3242

27.3752, 0.4928,
0.3206

58.9377, 0.3515,
0.3258

23.3595, 0.5395,
0.3209

71.2164, 0.3304,
0.3274

20.6454, 0.5832,
0.3223

85.4272, 0.3136,
0.3289

19.0710, 0.6168,
0.3248

97.0913, 0.3029,
0.3290

■ 18.3850, 0.6352,
0.3273

Harmonies

Analogous

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



39.8348, 0.3615, 0.2816



39.8348, 0.4099, 0.3226



39.8348, 0.4289, 0.3677

Triad

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



39.8348, 0.4099, 0.3226



39.8348, 0.3146, 0.4263



39.8348, 0.2183, 0.2446

Complementary

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



39.8348, 0.4099, 0.3226



73.3710, 0.2598, 0.3360

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.



39.8348, 0.2088, 0.2736



39.8348, 0.4099, 0.3226



39.8348, 0.2609, 0.3833

Square

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



39.8348, 0.4099, 0.3226



39.8348, 0.3706, 0.4335



39.8348, 0.2233, 0.3240



39.8348, 0.2507, 0.2381

Rectangle

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



39.8348, 0.4099, 0.3226



39.8348, 0.4220, 0.3962



39.8348, 0.2233, 0.3240



39.8348, 0.2125, 0.2517

Sweetspot

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



39.8368, 0.4099, 0.3226



80.2933, 0.3332, 0.3272



42.8259, 0.3117, 0.2274



16.7692, 0.3358, 0.3270



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.



39.8368, 0.4099, 0.3226



39.0663, 0.4427, 0.3215



54.6014, 0.3966, 0.3757



15.7746, 0.3284, 0.3276



10.1659, 0.6335, 0.3264



0.8512, 0.6170, 0.3173

Inverse Universe

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



39.8368, 0.4099, 0.3226



39.0663, 0.4427, 0.3215



51.9030, 0.2486, 0.2763



15.7746, 0.3284, 0.3276



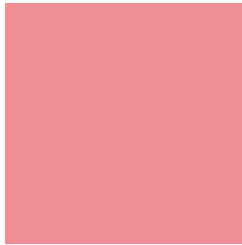
10.1659, 0.6335, 0.3264



0.8512, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 39.8348, 0.4099, 0.3226 looks on a white background.

Color Contrast Check

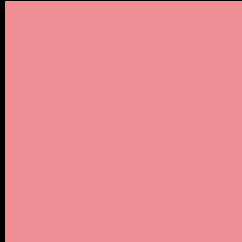
Large Text (above 18pt) WCAG AA × Fail

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 39.8348, 0.4099, 0.3226 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 39.8348, 0.4099, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 39.8348, 0.4099, 0.3226.



This preview shows how white text looks on a background with the Yxy color 39.8348, 0.4099, 0.3226.

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

39.8348, 0.4099, 0.3226

Protanopia

40.0985, 0.3243, 0.3387

Deuteranopia

39.8101, 0.3616, 0.3543



Tritanopia

39.6675, 0.4059, 0.3170

Trichromacy



Original Color

39.8348, 0.4099, 0.3226

Protanomaly

39.2364, 0.3532, 0.3317

Deuteranomaly

39.3359, 0.3796, 0.3417

Tritanomaly

39.6348, 0.4070, 0.3181

Monochromacy



Original Color

39.8348, 0.4099, 0.3226

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.8698, 0.3449, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8348, 0.4099, 0.3226 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(239, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(239, 142, 148)  
}
```

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(239, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 142, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.8348, 0.4099, 0.3226 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(239, 142, 148) }
```

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

```
.border{ border-color:rgb(239, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(239, 142,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8348, 0.4099, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 142, 148) }
```

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

```
.background{ background-color: rgb(239,  
142, 148) }
```

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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