

Converting Colors

$Yxy(41.4117, 0.4161, 0.3394)$

Have a look what the booklet for
Yxy(41.4117, 0.4161, 0.3394)
contains.

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Color

Yxy(41.3946, 0.4169, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	EF948B
RGB	239, 148, 139
RGB Percent	94%, 58%, 55%
CMY	0.0627, 0.4196, 0.4550
CMYK	0.00, 0.38, 0.42, 0.06
HSL	5°, 76%, 74%
HSV	5°, 42%, 94%
XYZ	50.8468, 41.3946, 29.7226
YIQ	174.1830, 57.1250, 16.4930

Conversions

Conversions Part 2

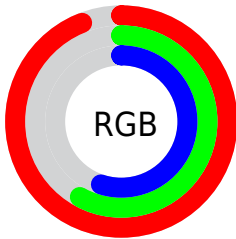
Format	Color
R _Y B	239, 149, 139
Decimal	15701131
CIE Lab	70.45, 33.26, 19.31
CIE LCh	70, 38.459, 30.147
Yxy	41.3946, 0.4169, 0.3394
Android (android.graphics.Color)	4293891211 (0xFFEF948B)
YUV	174.1830, -17.3452, 56.8445
Hunter-Lab	64.3386, 28.4759, 17.6467

Details

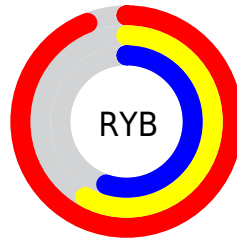
The Yxy color **41.3946, 0.4169, 0.3394** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2952, 0.2538, 0.3180**, and the grayscale version is **42.4954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8221, 0.3615, 0.3395**, and **18.7903, 0.4481, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **34.5807, 0.4562, 0.3415**, and if you desaturate by 10%, it is **49.6462, 0.3836, 0.3369**.

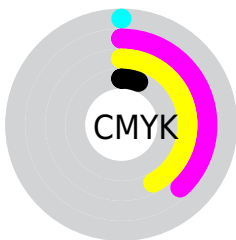
Distribution



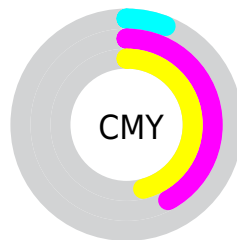
- Red (94%)
- Green (58%)
- Blue (55%)



- Red (94%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (6%)




- Cyan (6%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3946, 0.4169, 0.3394 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 41.3946, 0.4169, 0.3394 by changing the saturation by 10% instead.


 41.3946, 0.4169,
0.3394

 41.3946, 0.4169,
0.3394


351.9671, 0.3633,
0.3361


 28.6275, 0.4306,
0.3395


 77.2825, 0.3971,
0.3387

 18.7992, 0.4484,
0.3393


 101.1722, 0.3898,
0.3383

 11.5253, 0.4721,
0.3382


 129.5383, 0.3836,
0.3379

 6.4213, 0.5053,
0.3352

162.7650, 0.3783,
0.3375

 3.1029, 0.5539,
0.3276

201.2369, 0.3738,
0.3371

 1.1857, 0.6720,
0.3280

245.3382, 0.3698,

 0.0500, 0.9450,

0.3368

0.0550

295.4535, 0.3663,
0.3364

0.0000, 0.0000,
0.0000

41.3946, 0.4169,
0.3394

41.3946, 0.4169,
0.3394

34.5807, 0.4562,
0.3415

49.6462, 0.3836,
0.3369

29.1165, 0.5004,
0.3428

59.4048, 0.3561,
0.3343

24.9137, 0.5462,
0.3428


70.7426, 0.3338,
0.3318

21.8710, 0.5880,
0.3410

83.7252, 0.3157,
0.3294

19.8715, 0.6192,
0.3375

97.0922, 0.3029,
0.3290

 18.9107, 0.6345,
0.3344

Harmonies

Analogous

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



41.3946, 0.3795, 0.2974



41.3946, 0.4169, 0.3394



41.3946, 0.4226, 0.3826

Triad

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



41.3946, 0.4169, 0.3394



41.3946, 0.2942, 0.4101



41.3946, 0.2309, 0.2428

Complementary

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



41.3946, 0.4169, 0.3394



68.2952, 0.2538, 0.3180

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.



41.3946, 0.2131, 0.2627



41.3946, 0.4169, 0.3394



41.3946, 0.2469, 0.3602

Square

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



41.3946, 0.4169, 0.3394



41.3946, 0.3491, 0.4309



41.3946, 0.2184, 0.3042



41.3946, 0.2699, 0.2440

Rectangle

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



41.3946, 0.4169, 0.3394



41.3946, 0.4083, 0.4076



41.3946, 0.2184, 0.3042



41.3946, 0.2225, 0.2470

Sweetspot

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



41.3967, 0.4169, 0.3394



80.2926, 0.3362, 0.3321



42.5586, 0.3249, 0.2336



16.5393, 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.



41.3967, 0.4169, 0.3394



41.2764, 0.4492, 0.3412



60.2952, 0.3929, 0.3929



15.9883, 0.3291, 0.3312



10.5293, 0.6331, 0.3355



0.9537, 0.6173, 0.3480

Inverse Universe

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



68.2952, 0.2538, 0.3180



76.1595, 0.2447, 0.3155



44.6243, 0.2434, 0.2545



17.6704, 0.2981, 0.3268



31.0856, 0.2168, 0.3005



2.6569, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 41.3946, 0.4169, 0.3394 looks on a white background.

Color Contrast Check

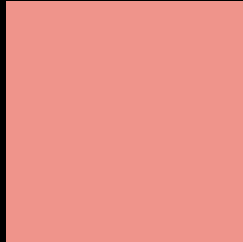
Large Text (above 18pt) WCAG AA × Fail

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 41.3946, 0.4169, 0.3394 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 41.3946, 0.4169, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 41.3946, 0.4169, 0.3394.



This preview shows how white text looks on a background with the Yxy color 41.3946, 0.4169, 0.3394.

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

41.3946, 0.4169, 0.3394

Protanopia

41.5632, 0.3391, 0.3577

Deuteranopia

41.6066, 0.3751, 0.3678



Tritanopia

41.1764, 0.4008, 0.3170

Trichromacy



Original Color

41.3946, 0.4169, 0.3394

Protanomaly

40.8575, 0.3657, 0.3498

Deuteranomaly

41.0495, 0.3901, 0.3563

Tritanomaly

41.2850, 0.4069, 0.3248

Monochromacy



Original Color

41.3946, 0.4169, 0.3394

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4892, 0.3479, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3946, 0.4169, 0.3394 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, 148, 139)` looks like.

```
.text, #text, p{  
    color:rgb(239, 148, 139)  
}
```

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, 148, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 148, 139) }
```

Border

The CSS property to change the border of an element to Yxy 41.3946, 0.4169, 0.3394 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, 148, 139) }
```

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

```
.border{ border-color:rgb(239, 148, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 148, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 148, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 148, 139);  
box-shadow:4px 4px 4px 4px rgb(239, 148,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3946, 0.4169, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 148, 139) }
```

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

```
.background{ background-color: rgb(239,  
148, 139) }
```

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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