

Converting Colors

$Yxy(39.7936, 0.4077, 0.3508)$

Have a look what the booklet for
Yxy(39.7936, 0.4077, 0.3508)
contains.

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Color

Yxy(39.8342, 0.4079, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	E19785
RGB	225, 151, 133
RGB Percent	88%, 59%, 52%
CMY	0.1178, 0.4078, 0.4784
CMYK	0.00, 0.33, 0.41, 0.12
HSL	12°, 60%, 70%
HSV	12°, 41%, 88%
XYZ	46.3445, 39.8342, 27.4386
YIQ	171.0740, 49.8820, 10.0900

Conversions

Conversions Part 2

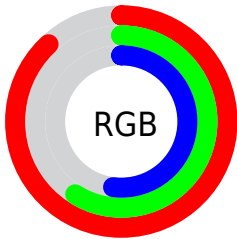
Format	Color
R _Y B	225, 155, 133
Decimal	14784389
CIE Lab	69.35, 25.65, 20.83
CIE LCh	69, 33.041, 39.083
Yxy	39.8342, 0.4079, 0.3506
Android (android.graphics.Color)	4292974469 (0xFFE19785)
YUV	171.0740, -18.7705, 47.2931
Hunter-Lab	63.1143, 20.6213, 18.4041

Details

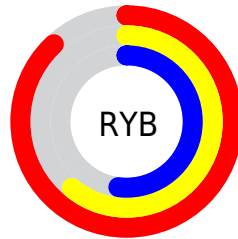
The Yxy color **39.8342, 0.4079, 0.3506** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.0247, 0.2531, 0.3057**, and the grayscale version is **40.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9478, 0.3662, 0.3498**, and **17.7637, 0.4376, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **33.8956, 0.4431, 0.3554**, and if you desaturate by 10%, it is **46.8033, 0.3777, 0.3452**.

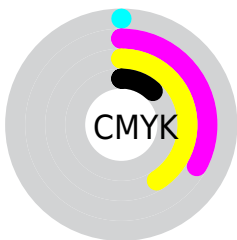
Distribution



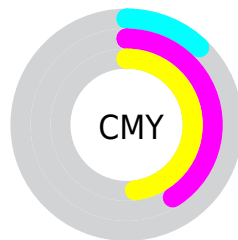
- Red (88%)
- Green (59%)
- Blue (52%)



- Red (88%)
- Yellow (61%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8342, 0.4079, 0.3506 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 39.8342, 0.4079, 0.3506 by changing the saturation by 10% instead.


 39.8342, 0.4079,
0.3506


 39.8342, 0.4079,
0.3506


345.4243, 0.3586,
0.3414


 27.4093, 0.4206,
0.3523


 74.9110, 0.3897,
0.3477

 17.8809, 0.4371,
0.3541


 98.3316, 0.3829,
0.3464

 10.8645, 0.4593,
0.3557

 126.1863, 0.3772,
0.3453

 5.9758, 0.4904,
0.3564

158.8595, 0.3724,
0.3444

 2.8304, 0.5365,
0.3539

196.7354, 0.3682,
0.3435

 1.0438, 0.6415,
0.3585

240.1986, 0.3646,

 0.0000, 1.0000,

0.3427

0.0000

289.6334, 0.3614,
0.3420

0.0000, 0.0000,
0.0000

39.8342, 0.4079,
0.3506

39.8342, 0.4079,
0.3506

33.8956, 0.4431,
0.3554

46.8033, 0.3777,
0.3452

28.9326, 0.4827,
0.3589

54.8428, 0.3524,
0.3397

24.8937, 0.5246,
0.3601


63.9978, 0.3314,
0.3344

21.7203, 0.5648,
0.3582

74.3089, 0.3141,
0.3294

19.3468, 0.5983,
0.3527

85.8146, 0.2998,
0.3248

 17.8089, 0.6202,
0.3458

 94.7424, 0.2946,
0.3289

Harmonies

Analogous

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



39.8342, 0.3828, 0.3122



39.8342, 0.4079, 0.3506



39.8342, 0.4046, 0.3873

Triad

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



39.8342, 0.4079, 0.3506



39.8342, 0.2834, 0.3879



39.8342, 0.2493, 0.2514

Complementary

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



39.8342, 0.4079, 0.3506



55.0247, 0.2531, 0.3057

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.



39.8342, 0.2275, 0.2639



39.8342, 0.4079, 0.3506



39.8342, 0.2457, 0.3415

Square

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



39.8342, 0.4079, 0.3506



39.8342, 0.3310, 0.4148



39.8342, 0.2261, 0.2954



39.8342, 0.2887, 0.2574

Rectangle

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



39.8342, 0.4079, 0.3506



39.8342, 0.3877, 0.4061



39.8342, 0.2261, 0.2954



39.8342, 0.2399, 0.2535

Sweetspot

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



39.8361, 0.4079, 0.3506



83.4769, 0.3337, 0.3350



37.3388, 0.3334, 0.2449



17.5117, 0.3363, 0.3357



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.



39.8361, 0.4079, 0.3506



46.1585, 0.4374, 0.3547



57.1069, 0.3861, 0.4010



14.1330, 0.3287, 0.3337



10.3952, 0.6179, 0.3476



0.8454, 0.5889, 0.3706

Inverse Universe

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



55.0247, 0.2531, 0.3057



68.8551, 0.2427, 0.3000



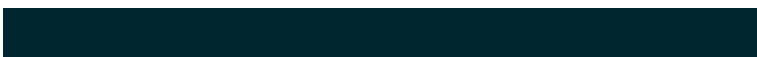
36.3074, 0.2433, 0.2440



15.0922, 0.2982, 0.3243



22.3251, 0.2070, 0.2652



1.6655, 0.2100, 0.2761

Previews

White Background



This preview shows how the Yxy color 39.8342, 0.4079, 0.3506 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 39.8342, 0.4079, 0.3506 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 39.8342, 0.4079, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 39.8342, 0.4079, 0.3506.



This preview shows how white text looks on a background with the Yxy color 39.8342, 0.4079, 0.3506.

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

39.8342, 0.4079, 0.3506

Protanopia

39.9126, 0.3459, 0.3666

Deuteranopia

39.9752, 0.3781, 0.3710



Tritanopia

39.6670, 0.3850, 0.3163

Trichromacy



Original Color

39.8342, 0.4079, 0.3506

Protanomaly

39.4405, 0.3678, 0.3595

Deuteranomaly

39.8721, 0.3880, 0.3634

Tritanomaly

39.5185, 0.3933, 0.3281

Monochromacy



Original Color

39.8342, 0.4079, 0.3506

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0616, 0.3450, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8342, 0.4079, 0.3506 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(225, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(225, 151, 133)  
}
```

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(225, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 151, 133) }
```

Border

The CSS property to change the border of an element to Yxy 39.8342, 0.4079, 0.3506 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(225, 151, 133) }
```

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

```
.border{ border-color:rgb(225, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(225, 151,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8342, 0.4079, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 151, 133) }
```

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

```
.background{ background-color: rgb(225,  
151, 133) }
```

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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