

Converting Colors

Yxy(39.4855, 0.3944, 0.3291)

Have a look what the booklet for
Yxy(39.4855, 0.3944, 0.3291)
contains.

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Color

Yxy(39.4867, 0.3944, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E29494
RGB	226, 148, 148
RGB Percent	89%, 58%, 58%
CMY	0.1136, 0.4197, 0.4195
CMYK	0.00, 0.35, 0.35, 0.11
HSL	360°, 57%, 73%
HSV	360°, 35%, 89%
XYZ	47.3073, 39.4867, 33.1535
YIQ	171.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

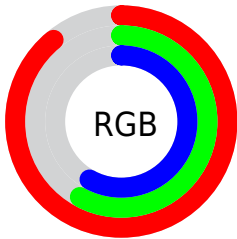
Format	Color
R _Y B	226, 148, 148
Decimal	14849172
CIE Lab	69.10, 29.43, 12.18
CIE LCh	69, 31.847, 22.481
Yxy	39.4867, 0.3944, 0.3292
Android (android.graphics.Color)	4293039252 (0xFFE29494)
YUV	171.3220, -11.4977, 47.9526
Hunter-Lab	62.8384, 24.4146, 12.7056

Details

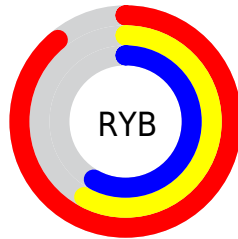
The Yxy color **39.4867, 0.3944, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1943, 0.2640, 0.3289**, and the grayscale version is **40.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2361, 0.3544, 0.3302**, and **17.6638, 0.4213, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **32.4303, 0.4314, 0.3293**, and if you desaturate by 10%, it is **48.0710, 0.3641, 0.3291**.

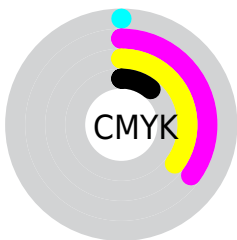
Distribution



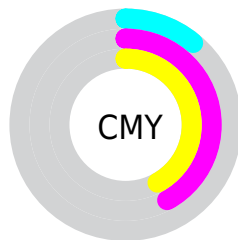
- Red (89%)
- Green (58%)
- Blue (58%)



- Red (89%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4867, 0.3944, 0.3292 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 39.4867, 0.3944, 0.3292 by changing the saturation by 10% instead.

 39.4867, 0.3944,
0.3292


 39.4867, 0.3944,
0.3292


343.9553, 0.3520,
0.3302

 27.1386, 0.4054,
0.3286


 74.3812, 0.3787,
0.3298

 17.6773, 0.4198,
0.3275


 97.6964, 0.3728,
0.3300

 10.7186, 0.4394,
0.3256


125.4361, 0.3680,
0.3301

 5.8779, 0.4674,
0.3222

157.9846, 0.3638,
0.3302

 2.7710, 0.5102,
0.3150

195.7264, 0.3603,
0.3302

 1.0134, 0.6115,
0.3126


239.0459, 0.3572,

 0.0000, 1.0000,

0.3302


0.0000


288.3274, 0.3544,
0.3302


 0.0000, 0.0000,
0.0000


 39.4867, 0.3944,
0.3292


 39.4867, 0.3944,
0.3292

 32.4303, 0.4314,
0.3293


 48.0710, 0.3641,
0.3291

 26.8068, 0.4749,
0.3294


 58.2592, 0.3397,
0.3291


 22.5200, 0.5226,
0.3296

 70.1293, 0.3202,
0.3290

 19.4590, 0.5696,
0.3297

 83.7525, 0.3046,
0.3290

 17.4957, 0.6085,
0.3298

 94.9135, 0.2952,
0.3289

■ 16.4732, 0.6325,
0.3299

■ 16.1737, 0.6400,
0.3300

Harmonies

Analogous

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



39.4867, 0.3579, 0.2940



39.4867, 0.3944, 0.3292



39.4867, 0.4068, 0.3667

Triad

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



39.4867, 0.3944, 0.3292



39.4867, 0.3095, 0.4034



39.4867, 0.2372, 0.2582

Complementary

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



39.4867, 0.3944, 0.3292



66.1943, 0.2640, 0.3289

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.



39.4867, 0.2268, 0.2808



39.4867, 0.3944, 0.3292



39.4867, 0.2663, 0.3671

Square

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



39.4867, 0.3944, 0.3292



39.4867, 0.3556, 0.4140



39.4867, 0.2368, 0.3202



39.4867, 0.2666, 0.2543

Rectangle

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



39.4867, 0.3944, 0.3292



39.4867, 0.3996, 0.3891



39.4867, 0.2368, 0.3202



39.4867, 0.2315, 0.2637

Sweetspot

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



39.4886, 0.3944, 0.3292



83.2614, 0.3304, 0.3290



42.6329, 0.3155, 0.2433



17.3575, 0.3333, 0.3291



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.



39.4886, 0.3944, 0.3292



45.4345, 0.4186, 0.3293



53.3063, 0.3792, 0.3729



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Inverse Universe

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



39.4886, 0.3944, 0.3292



45.4345, 0.4186, 0.3293



47.8864, 0.2576, 0.2804



13.7006, 0.3292, 0.3290



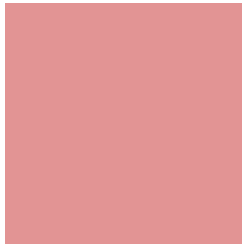
9.2244, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 39.4867, 0.3944, 0.3292 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 39.4867, 0.3944, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

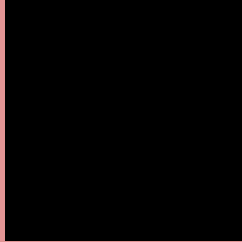
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4867, 0.3944, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 39.4867, 0.3944, 0.3292.



This preview shows how white text looks on a background with the Yxy color 39.4867, 0.3944, 0.3292.

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

39.4867, 0.3944, 0.3292

Protanopia

39.6224, 0.3270, 0.3415

Deuteranopia

39.7081, 0.3597, 0.3530



Tritanopia

39.6670, 0.3850, 0.3163

Trichromacy



Original Color

39.4867, 0.3944, 0.3292

Protanomaly

39.3256, 0.3506, 0.3370

Deuteranomaly

39.6509, 0.3724, 0.3445

Tritanomaly

39.5314, 0.3893, 0.3210

Monochromacy



Original Color

39.4867, 0.3944, 0.3292

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9151, 0.3396, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4867, 0.3944, 0.3292 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(226, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 148, 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(226, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 148, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.4867, 0.3944, 0.3292 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(226, 148, 148) }
```

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

```
.border{ border-color:rgb(226, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(226, 148,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4867, 0.3944, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 148, 148) }
```

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

```
.background{ background-color: rgb(226,  
148, 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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