

Converting Colors

Yxy(44.9867, 0.3839, 0.3433)

Have a look what the booklet for
Yxy(44.9867, 0.3839, 0.3433)
contains.

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Color

Yxy(44.9867, 0.3839, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	E2A498
RGB	226, 164, 152
RGB Percent	89%, 64%, 60%
CMY	0.1138, 0.3568, 0.4038
CMYK	0.00, 0.27, 0.33, 0.11
HSL	10°, 56%, 74%
HSV	10°, 33%, 89%
XYZ	50.3070, 44.9867, 35.7482
YIQ	181.1700, 40.8040, 9.4120

Conversions

Conversions Part 2

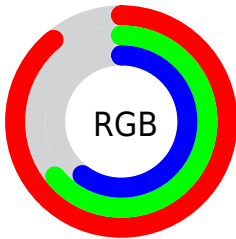
Format	Color
R _Y B	226, 166, 152
Decimal	14853272
CIE Lab	72.88, 21.33, 15.27
CIE LCh	73, 26.238, 35.599
Yxy	44.9867, 0.3839, 0.3433
Android (android.graphics.Color)	4293043352 (0xFFE2A498)
YUV	181.1700, -14.3808, 39.3159
Hunter-Lab	67.0721, 16.5065, 15.3500

Details

The Yxy color **44.9867, 0.3839, 0.3433** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2680, 0.2644, 0.3141**, and the grayscale version is **46.3698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3793, 0.3483, 0.3423**, and **20.9629, 0.4048, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **38.0356, 0.4159, 0.3477**, and if you desaturate by 10%, it is **53.0926, 0.3572, 0.3387**.

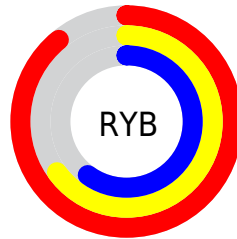
Distribution



Red (89%)

Green (64%)

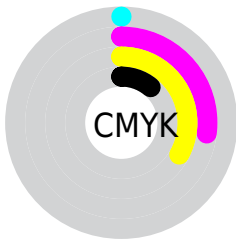
Blue (60%)



Red (89%)

Yellow (65%)

Blue (60%)

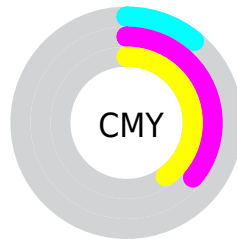


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9867, 0.3839, 0.3433 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 44.9867, 0.3839, 0.3433 by changing the saturation by 10% instead.


 44.9867, 0.3839,
0.3433


 44.9867, 0.3839,
0.3433

366.7197, 0.3477,
0.3371

 31.4470, 0.3931,
0.3445


 82.7005, 0.3707,
0.3413

 20.9394, 0.4049,
0.3459


 107.6432, 0.3657,
0.3404

 13.0797, 0.4207,
0.3474


137.1558, 0.3615,
0.3397

 7.4835, 0.4428,
0.3488

171.6226, 0.3580,
0.3391

 3.7663, 0.4756,
0.3493

211.4280, 0.3549,
0.3385

 1.5437, 0.5375,
0.3519

256.9564, 0.3522,

 0.3192, 0.7208,

0.3380

0.2792

308.5922, 0.3498,
0.3375

0.0000, 0.0000,
0.0000

44.9867, 0.3839,
0.3433

44.9867, 0.3839,
0.3433

38.0356, 0.4159,
0.3477

53.0926, 0.3572,
0.3387

32.1803, 0.4531,
0.3515

62.3960, 0.3352,
0.3343

27.3664, 0.4947,
0.3540

72.9452, 0.3171,
0.3301

23.5322, 0.5379,
0.3543

84.7841, 0.3022,
0.3262

20.6091, 0.5781,
0.3517

94.9076, 0.2952,
0.3289

■ 18.5197, 0.6097,
0.3462

■ 17.4663, 0.6257,
0.3414

Harmonies

Analogous

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



44.9867, 0.3627, 0.3131



44.9867, 0.3839, 0.3433



44.9867, 0.3844, 0.3720

Triad

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



44.9867, 0.3839, 0.3433



44.9867, 0.2949, 0.3763



44.9867, 0.2610, 0.2692

Complementary

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



44.9867, 0.3839, 0.3433



60.2680, 0.2644, 0.3141

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.



44.9867, 0.2454, 0.2814



44.9867, 0.3839, 0.3433



44.9867, 0.2640, 0.3432

Square

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



44.9867, 0.3839, 0.3433



44.9867, 0.3318, 0.3944



44.9867, 0.2464, 0.3079



44.9867, 0.2905, 0.2718

Rectangle

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



44.9867, 0.3839, 0.3433



44.9867, 0.3733, 0.3866



44.9867, 0.2464, 0.3079



44.9867, 0.2540, 0.2715

Sweetspot

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



44.9888, 0.3839, 0.3433



85.5805, 0.3300, 0.3331



43.5336, 0.3262, 0.2590



17.9130, 0.3327, 0.3337



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.



44.9888, 0.3839, 0.3433



53.0202, 0.4042, 0.3462



59.7926, 0.3706, 0.3840



14.0573, 0.3288, 0.3329



10.0787, 0.6236, 0.3431



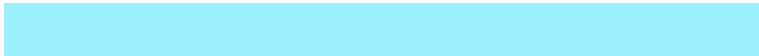
0.8097, 0.5966, 0.3645

Inverse Universe

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



60.2680, 0.2644, 0.3141



75.9128, 0.2558, 0.3106



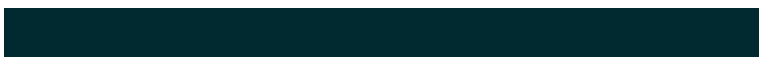
43.9753, 0.2585, 0.2669



15.1745, 0.2982, 0.3251



24.1405, 0.2102, 0.2768



1.7756, 0.2127, 0.2857

Previews

White Background



This preview shows how the Yxy color 44.9867, 0.3839, 0.3433 looks on a white background.

Color Contrast Check

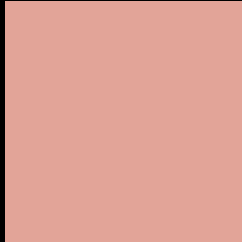
Large Text (above 18pt) WCAG AA × Fail

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 44.9867, 0.3839, 0.3433 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 44.9867, 0.3839, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 44.9867, 0.3839, 0.3433.



This preview shows how white text looks on a background with the Yxy color 44.9867, 0.3839, 0.3433.

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

44.9867, 0.3839, 0.3433

Protanopia

45.3082, 0.3363, 0.3555

Deuteranopia

44.9725, 0.3648, 0.3567



Tritanopia

45.0008, 0.3663, 0.3152

Trichromacy



Original Color

44.9867, 0.3839, 0.3433

Protanomaly

45.0899, 0.3531, 0.3520

Deuteranomaly

44.9064, 0.3716, 0.3512

Tritanomaly

44.8882, 0.3728, 0.3257

Monochromacy



Original Color

44.9867, 0.3839, 0.3433

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4325, 0.3368, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9867, 0.3839, 0.3433 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, 164, 152)` looks like.

```
.text, #text, p{  
    color:rgb(226, 164, 152)  
}
```

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, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 164, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.9867, 0.3839, 0.3433 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, 164, 152) }
```

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

```
.border{ border-color:rgb(226, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(226, 164,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9867, 0.3839, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 164, 152) }
```

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

```
.background{ background-color: rgb(226,  
164, 152) }
```

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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