

Converting Colors

$Yxy(44.5187, 0.3880, 0.3406)$

Have a look what the booklet for
Yxy(44.5187, 0.3880, 0.3406)
contains.

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Color

Yxy(44.4148, 0.3880, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	E5A198
RGB	229, 161, 152
RGB Percent	90%, 63%, 60%
CMY	0.1019, 0.3686, 0.4039
CMYK	0.00, 0.30, 0.34, 0.10
HSL	7°, 60%, 75%
HSV	7°, 34%, 90%
XYZ	50.7299, 44.4148, 35.6024
YIQ	180.3060, 43.4170, 11.6170

Conversions

Conversions Part 2

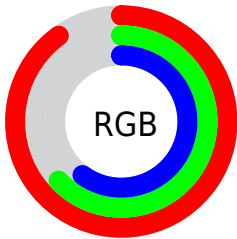
Format	Color
RYB	229, 162, 152
Decimal	15049112
CIELab	72.50, 24.10, 14.81
CIELCh	73, 28.282, 31.575
Yxy	44.4148, 0.3880, 0.3397
Android (android.graphics.Color)	4293239192 (0xFFE5A198)
YUV	180.3060, -13.9549, 42.7046
Hunter-Lab	66.6444, 19.2468, 14.9775

Details

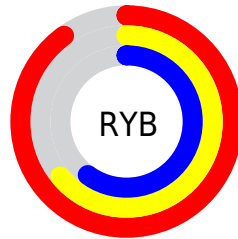
The Yxy color **44.4148, 0.3880, 0.3397** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.5294, 0.2637, 0.3179**, and the grayscale version is **45.8751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8280, 0.3488, 0.3393**, and **20.6475, 0.4107, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **37.2313, 0.4216, 0.3429**, and if you desaturate by 10%, it is **52.8908, 0.3601, 0.3364**.

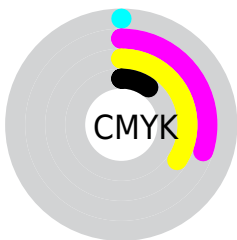
Distribution



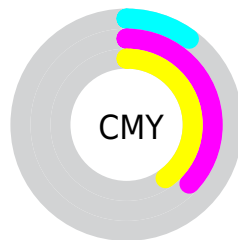
- Red (90%)
- Green (63%)
- Blue (60%)



- Red (90%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (10%)




- Cyan (10%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4148, 0.3880, 0.3397 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 44.4148, 0.3880, 0.3397 by changing the saturation by 10% instead.

 44.4148, 0.3880,
0.3397

 44.4148, 0.3880,
0.3397


364.3983, 0.3497,
0.3354

 30.9967, 0.3977,
0.3404


 81.8416, 0.3739,
0.3384

 20.5964, 0.4103,
0.3412


 106.6190, 0.3687,
0.3378

 12.8293, 0.4271,
0.3418


135.9518, 0.3643,
0.3373

 7.3111, 0.4507,
0.3419

170.2242, 0.3605,
0.3368

 3.6574, 0.4858,
0.3404

209.8206, 0.3572,
0.3364

 1.4838, 0.5524,
0.3396

255.1256, 0.3544,

 0.2773, 0.7544,

0.3360

0.2456

306.5233, 0.3519,
0.3357

0.0000, 0.0000,
0.0000

44.4148, 0.3880,
0.3397

44.4148, 0.3880,
0.3397

37.2313, 0.4216,
0.3429

52.8908, 0.3601,
0.3364

31.2706, 0.4609,
0.3455

62.7119, 0.3372,
0.3331

26.4663, 0.5045,
0.3470

73.9353, 0.3186,
0.3301

22.7429, 0.5492,
0.3468

86.6133, 0.3034,
0.3272

20.0160, 0.5895,
0.3443

95.4013, 0.2970,
0.3290

■ 18.1883, 0.6192,
0.3397

■ 17.4345, 0.6316,
0.3367

Harmonies

Analogous

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



44.4148, 0.3624, 0.3077



44.4148, 0.3880, 0.3397



44.4148, 0.3916, 0.3713

Triad

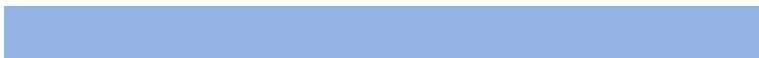
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4148, 0.3880, 0.3397



44.4148, 0.2984, 0.3844



44.4148, 0.2537, 0.2653

Complementary

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



44.4148, 0.3880, 0.3397



63.5294, 0.2637, 0.3179

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.



44.4148, 0.2393, 0.2804



44.4148, 0.3880, 0.3397



44.4148, 0.2638, 0.3497

Square

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



44.4148, 0.3880, 0.3397



44.4148, 0.3384, 0.4009



44.4148, 0.2428, 0.3106



44.4148, 0.2837, 0.2663

Rectangle

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



44.4148, 0.3880, 0.3397



44.4148, 0.3813, 0.3884



44.4148, 0.2428, 0.3106



44.4148, 0.2470, 0.2685

Sweetspot

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



44.4169, 0.3880, 0.3397



84.9290, 0.3301, 0.3320



44.2855, 0.3244, 0.2544



17.7568, 0.3329, 0.3324



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.



44.4169, 0.3880, 0.3397



50.4415, 0.4095, 0.3418



60.0028, 0.3734, 0.3828



14.6378, 0.3290, 0.3318



10.0555, 0.6300, 0.3380



0.8332, 0.6088, 0.3548

Inverse Universe

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



63.5294, 0.2637, 0.3179



78.1412, 0.2553, 0.3154



45.5935, 0.2573, 0.2683



16.0336, 0.2982, 0.3262



27.5653, 0.2144, 0.2918



2.1188, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 44.4148, 0.3880, 0.3397 looks on a white background.

Color Contrast Check

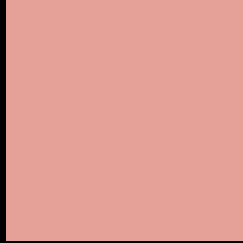
Large Text (above 18pt) WCAG AA × Fail

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 44.4148, 0.3880, 0.3397 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 44.4148, 0.3880, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 44.4148, 0.3880, 0.3397.



This preview shows how white text looks on a background with the Yxy color 44.4148, 0.3880, 0.3397.

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

44.4148, 0.3880, 0.3397

Protanopia

44.8180, 0.3348, 0.3529

Deuteranopia

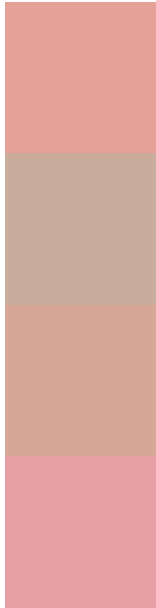
44.3070, 0.3632, 0.3557



Tritanopia

44.3449, 0.3729, 0.3154

Trichromacy



Original Color

44.4148, 0.3880, 0.3397

Protanomaly

44.4959, 0.3537, 0.3482

Deuteranomaly

44.1679, 0.3723, 0.3488

Tritanomaly

44.2636, 0.3787, 0.3246

Monochromacy



Original Color

44.4148, 0.3880, 0.3397

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7952, 0.3380, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4148, 0.3880, 0.3397 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(229, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 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(229, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.4148, 0.3880, 0.3397 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(229, 161, 152) }
```

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

```
.border{ border-color:rgb(229, 161, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4148, 0.3880, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 152) }
```

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

```
.background{ background-color: rgb(229,  
161, 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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