

Converting Colors

$Yxy(46.2507, 0.3829, 0.3485)$

Have a look what the booklet for
Yxy(46.2507, 0.3829, 0.3485)
contains.

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Color

Yxy(46.4084, 0.3834, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	E2A897
RGB	226, 168, 151
RGB Percent	89%, 66%, 59%
CMY	0.1137, 0.3412, 0.4080
CMYK	0.00, 0.26, 0.33, 0.11
HSL	14°, 56%, 74%
HSV	14°, 33%, 89%
XYZ	50.9536, 46.4084, 35.5372
YIQ	183.4040, 40.0250, 7.0090

Conversions

Conversions Part 2

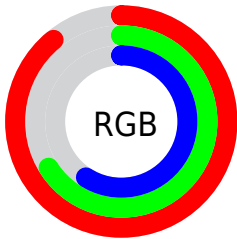
Format	Color
R _Y B	226, 173, 151
Decimal	14854295
CIE Lab	73.81, 19.07, 17.14
CIE LCh	74, 25.640, 41.960
Yxy	46.4084, 0.3834, 0.3492
Android (android.graphics.Color)	4293044375 (0xFFE2A897)
YUV	183.4040, -15.9752, 37.3567
Hunter-Lab	68.1237, 14.2937, 16.7575

Details

The Yxy color **46.4084, 0.3834, 0.3492** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6596, 0.2629, 0.3076**, and the grayscale version is **47.6608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4431, 0.3482, 0.3473**, and **21.8459, 0.4036, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **39.7218, 0.4140, 0.3554**, and if you desaturate by 10%, it is **54.1069, 0.3575, 0.3428**.

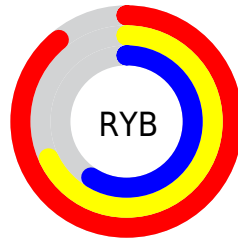
Distribution



Red (89%)

Green (66%)

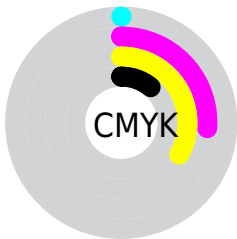
Blue (59%)



Red (89%)

Yellow (68%)

Blue (59%)

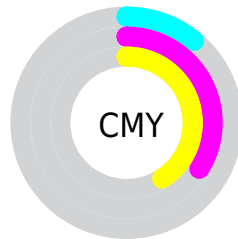


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4084, 0.3834, 0.3492 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 46.4084, 0.3834, 0.3492 by changing the saturation by 10% instead.


 46.4084, 0.3834,
0.3492


 46.4084, 0.3834,
0.3492


372.4481, 0.3477,
0.3401

 32.5682, 0.3924,
0.3511


 84.8299, 0.3704,
0.3461

 21.7959, 0.4039,
0.3534


 110.1800, 0.3655,
0.3449

 13.7070, 0.4192,
0.3561


140.1355, 0.3614,
0.3438

 7.9172, 0.4405,
0.3591

175.0808, 0.3578,
0.3429

 4.0420, 0.4718,
0.3618

215.4003, 0.3548,
0.3421

 1.6971, 0.5304,
0.3684

261.4785, 0.3521,

 0.4218, 0.6726,

0.3413

0.3274

313.6996, 0.3498,
0.3407

0.0000, 0.0000,
0.0000

46.4084, 0.3834,
0.3492

46.4084, 0.3834,
0.3492

39.7218, 0.4140,
0.3554

54.1069, 0.3575,
0.3428

33.9981, 0.4494,
0.3607

62.8506, 0.3358,
0.3366

29.1941, 0.4885,
0.3644

72.6792, 0.3178,
0.3308

25.2604, 0.5290,
0.3654

83.6285, 0.3029,
0.3254

22.1429, 0.5672,
0.3627

94.9108, 0.2952,
0.3289

■ 19.7807, 0.5984,
0.3560

■ 18.5646, 0.6145,
0.3503

Harmonies

Analogous

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



46.4084, 0.3668, 0.3197



46.4084, 0.3834, 0.3492



46.4084, 0.3796, 0.3757

Triad

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



46.4084, 0.3834, 0.3492



46.4084, 0.2884, 0.3688



46.4084, 0.2677, 0.2704

Complementary

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



46.4084, 0.3834, 0.3492



57.6596, 0.2629, 0.3076

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.



46.4084, 0.2494, 0.2792



46.4084, 0.3834, 0.3492



46.4084, 0.2607, 0.3353

Square

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



46.4084, 0.3834, 0.3492



46.4084, 0.3236, 0.3900



46.4084, 0.2469, 0.3022



46.4084, 0.2986, 0.2759

Rectangle

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



46.4084, 0.3834, 0.3492



46.4084, 0.3664, 0.3881



46.4084, 0.2469, 0.3022



46.4084, 0.2600, 0.2717

Sweetspot

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



46.4106, 0.3834, 0.3492



86.5267, 0.3298, 0.3348



42.9355, 0.3310, 0.2631



18.1403, 0.3325, 0.3356



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.



46.4106, 0.3834, 0.3492



54.6698, 0.4045, 0.3536



61.9478, 0.3698, 0.3901



14.2027, 0.3286, 0.3344



10.7375, 0.6119, 0.3523



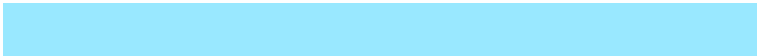
0.8786, 0.5820, 0.3761

Inverse Universe

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



57.6596, 0.2629, 0.3076



71.6206, 0.2533, 0.3023



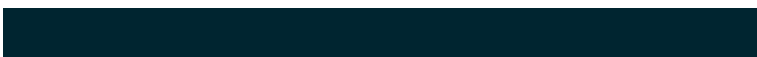
41.6618, 0.2568, 0.2591



15.0171, 0.2982, 0.3236



20.7450, 0.2040, 0.2544



1.5687, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 46.4084, 0.3834, 0.3492 looks on a white background.

Color Contrast Check

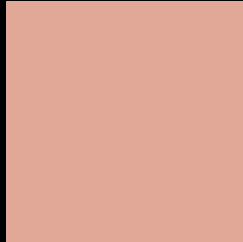
Large Text (above 18pt) WCAG AA × Fail

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 46.4084, 0.3834, 0.3492 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 46.4084, 0.3834, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 46.4084, 0.3834, 0.3492.



This preview shows how white text looks on a background with the Yxy color 46.4084, 0.3834, 0.3492.

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

46.4084, 0.3834, 0.3492

Protanopia

46.5927, 0.3404, 0.3590

Deuteranopia

46.5636, 0.3666, 0.3601



Tritanopia

46.3833, 0.3625, 0.3142

Trichromacy



Original Color

46.4084, 0.3834, 0.3492

Protanomaly

46.2546, 0.3562, 0.3555

Deuteranomaly

46.3060, 0.3733, 0.3559

Tritanomaly

46.2314, 0.3700, 0.3257

Monochromacy



Original Color

46.4084, 0.3834, 0.3492

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.9232, 0.3372, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4084, 0.3834, 0.3492 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, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 151)  
}
```

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, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 151) }
```

Border

The CSS property to change the border of an element to Yxy 46.4084, 0.3834, 0.3492 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, 168, 151) }
```

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

```
.border{ border-color:rgb(226, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(226, 168,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4084, 0.3834, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 151) }
```

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

```
.background{ background-color: rgb(226,  
168, 151) }
```

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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