

Converting Colors

$Yxy(48.9063, 0.3831, 0.3464)$

Have a look what the booklet for
Yxy(48.9063, 0.3831, 0.3464)
contains.

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Color

Yxy(48.6819, 0.3831, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	E8AB9C
RGB	232, 171, 156
RGB Percent	91%, 67%, 61%
CMY	0.0902, 0.3294, 0.3882
CMYK	0.00, 0.26, 0.33, 0.09
HSL	12°, 62%, 76%
HSV	12°, 33%, 91%
XYZ	53.8396, 48.6819, 38.0152
YIQ	187.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

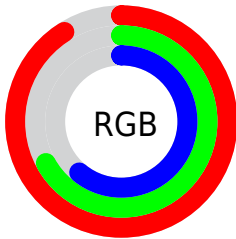
Format	Color
R _{YB}	232, 175, 156
Decimal	15248284
CIE _{Lab}	75.25, 20.37, 16.50
CIE _{LCh}	75, 26.219, 39.008
Yxy	48.6819, 0.3831, 0.3464
Android (android.graphics.Color)	4293438364 (0xFFE8AB9C)
YUV	187.5290, -15.5438, 39.0011
Hunter-Lab	69.7724, 15.6371, 16.5368

Details

The Yxy color **48.6819, 0.3831, 0.3464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5123, 0.2638, 0.3107**, and the grayscale version is **50.0819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9013, 0.3433, 0.3452**, and **23.0907, 0.4034, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **41.4260, 0.4143, 0.3518**, and if you desaturate by 10%, it is **57.0832, 0.3569, 0.3408**.

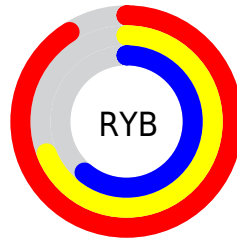
Distribution



Red (91%)

Green (67%)

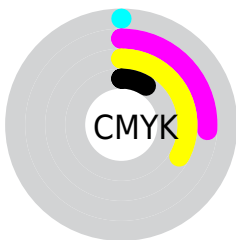
Blue (61%)



Red (91%)

Yellow (69%)

Blue (61%)

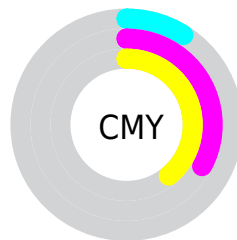


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (9%)



Cyan (9%)


Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6819, 0.3831, 0.3464 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 48.6819, 0.3831, 0.3464 by changing the saturation by 10% instead.


 48.6819, 0.3831,
0.3464


 48.6819, 0.3831,
0.3464


381.4887, 0.3478,
0.3387

 34.3672, 0.3919,
0.3480


 88.2188, 0.3703,
0.3439

 23.1758, 0.4031,
0.3498


 114.2098, 0.3655,
0.3428

 14.7234, 0.4180,
0.3519


144.8618, 0.3614,
0.3419

 8.6255, 0.4385,
0.3541

180.5590, 0.3579,
0.3412

 4.4977, 0.4685,
0.3560

221.6859, 0.3549,
0.3404

 1.9557, 0.5179,
0.3571

268.6269, 0.3522,

 0.5815, 0.6474,

0.3398

0.3526

321.7663, 0.3499,
0.3393

0.0000, 0.0000,
0.0000

48.6819, 0.3831,
0.3464

48.6819, 0.3831,
0.3464

41.4260, 0.4143,
0.3518

57.0832, 0.3569,
0.3408

35.2589, 0.4505,
0.3564

66.6696, 0.3351,
0.3354

30.1294, 0.4907,
0.3596

77.4875, 0.3171,
0.3303

25.9792, 0.5326,
0.3603

89.5787, 0.3022,
0.3256

22.7443, 0.5719,
0.3576

95.8935, 0.2987,
0.3290

■ 20.3525, 0.6035,
0.3514

■ 19.0923, 0.6202,
0.3458

Harmonies

Analogous

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



48.6819, 0.3646, 0.3168



48.6819, 0.3831, 0.3464



48.6819, 0.3813, 0.3737

Triad

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



48.6819, 0.3831, 0.3464



48.6819, 0.2915, 0.3719



48.6819, 0.2650, 0.2702

Complementary

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



48.6819, 0.3831, 0.3464



62.5123, 0.2638, 0.3107

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.



48.6819, 0.2480, 0.2806



48.6819, 0.3831, 0.3464



48.6819, 0.2626, 0.3389

Square

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



48.6819, 0.3831, 0.3464



48.6819, 0.3272, 0.3915



48.6819, 0.2471, 0.3050



48.6819, 0.2950, 0.2744

Rectangle

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



48.6819, 0.3831, 0.3464



48.6819, 0.3691, 0.3870



48.6819, 0.2471, 0.3050



48.6819, 0.2577, 0.2720

Sweetspot

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



48.6842, 0.3831, 0.3464



86.0958, 0.3299, 0.3340



45.9987, 0.3285, 0.2613



18.0367, 0.3326, 0.3348



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.



48.6842, 0.3831, 0.3464



54.3775, 0.4026, 0.3499



64.6303, 0.3699, 0.3867



14.8264, 0.3288, 0.3337



10.7407, 0.6178, 0.3477



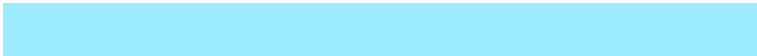
0.9224, 0.5905, 0.3694

Inverse Universe

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



62.5123, 0.2638, 0.3107



73.8683, 0.2552, 0.3065



45.5647, 0.2579, 0.2635



15.8274, 0.2981, 0.3242



22.9562, 0.2068, 0.2646



1.8201, 0.2097, 0.2750

Previews

White Background



This preview shows how the Yxy color 48.6819, 0.3831, 0.3464 looks on a white background.

Color Contrast Check

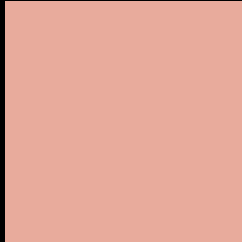
Large Text (above 18pt) WCAG AA × Fail

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 48.6819, 0.3831, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

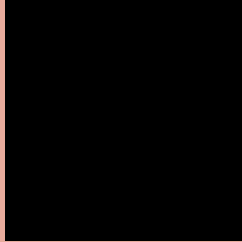
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6819, 0.3831, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 48.6819, 0.3831, 0.3464.



This preview shows how white text looks on a background with the Yxy color 48.6819, 0.3831, 0.3464.

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

48.6819, 0.3831, 0.3464

Protanopia

48.8116, 0.3381, 0.3572

Deuteranopia

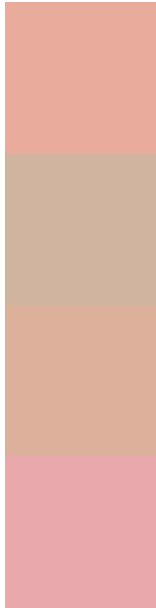
48.9029, 0.3646, 0.3583



Tritanopia

48.4251, 0.3636, 0.3145

Trichromacy



Original Color

48.6819, 0.3831, 0.3464

Protanomaly

48.5905, 0.3544, 0.3538

Deuteranomaly

48.7894, 0.3721, 0.3541

Tritanomaly

48.2692, 0.3709, 0.3258

Monochromacy



Original Color

48.6819, 0.3831, 0.3464

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4279, 0.3367, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6819, 0.3831, 0.3464 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(232, 171, 156)` looks like.

```
.text, #text, p{  
    color:rgb(232, 171, 156)  
}
```

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(232, 171, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 171, 156) }
```

Border

The CSS property to change the border of an element to Yxy 48.6819, 0.3831, 0.3464 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(232, 171, 156) }
```

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

```
.border{ border-color:rgb(232, 171, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 171, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(232, 171,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6819, 0.3831, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 171, 156) }
```

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

```
.background{ background-color: rgb(232,  
171, 156) }
```

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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