

Converting Colors

$Y_{xy}(47.2773, 0.3830, 0.3546)$

Have a look what the booklet for
Yxy(47.2773, 0.3830, 0.3546)
contains.

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Color

Yxy(47.3033, 0.3831, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	E1AB95
RGB	225, 171, 149
RGB Percent	88%, 67%, 58%
CMY	0.1177, 0.3293, 0.4157
CMYK	0.00, 0.24, 0.34, 0.12
HSL	17°, 56%, 73%
HSV	17°, 34%, 88%
XYZ	51.0332, 47.3033, 34.8747
YIQ	184.6380, 39.2460, 4.6060

Conversions

Conversions Part 2

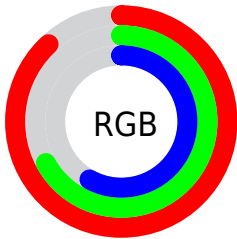
Format	Color
R _Y B	225, 180, 149
Decimal	14789525
CIE Lab	74.38, 16.81, 18.99
CIE LCh	74, 25.361, 48.498
Yxy	47.3033, 0.3831, 0.3551
Android (android.graphics.Color)	4292979605 (0xFFE1AB95)
YUV	184.6380, -17.5695, 35.3975
Hunter-Lab	68.7774, 12.0876, 18.0802

Details

The Yxy color **47.3033, 0.3831, 0.3551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5176, 0.2614, 0.3011**, and the grayscale version is **48.3878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9645, 0.3491, 0.3524**, and **22.4003, 0.4030, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **40.9783, 0.4124, 0.3629**, and if you desaturate by 10%, it is **54.5013, 0.3579, 0.3470**.

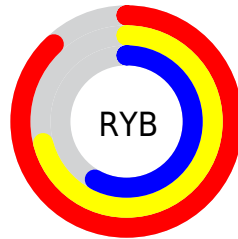
Distribution



Red (88%)

Green (67%)

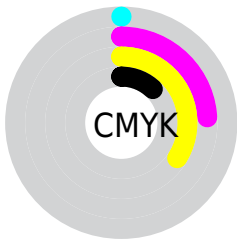
Blue (58%)



Red (88%)

Yellow (71%)

Blue (58%)

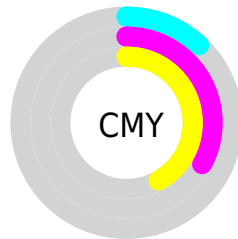


Cyan (0%)

Magenta (24%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3033, 0.3831, 0.3551 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 47.3033, 0.3831, 0.3551 by changing the saturation by 10% instead.


 47.3033, 0.3831,
0.3551

 47.3033, 0.3831,
0.3551


376.0239, 0.3477,
0.3431

 33.2755, 0.3919,
0.3577


 86.1662, 0.3702,
0.3510

 22.3376, 0.4033,
0.3609


 111.7700, 0.3654,
0.3494

 14.1052, 0.4182,
0.3647


142.0014, 0.3613,
0.3480

 8.1938, 0.4389,
0.3693

177.2446, 0.3578,
0.3467

 4.2192, 0.4690,
0.3743

217.8840, 0.3548,
0.3457

 1.7969, 0.5269,
0.3859

264.3041, 0.3521,

 0.4853, 0.6424,

0.3447

0.3576

316.8893, 0.3498,
0.3439

0.0000, 0.0000,
0.0000

47.3033, 0.3831,
0.3551

47.3033, 0.3831,
0.3551

40.9783, 0.4124,
0.3629

54.5013, 0.3579,
0.3470

35.4856, 0.4458,
0.3698

62.5976, 0.3366,
0.3391

30.7914, 0.4824,
0.3747

71.6248, 0.3187,
0.3317

26.8563, 0.5202,
0.3765

81.6116, 0.3037,
0.3247

23.6375, 0.5559,
0.3741

92.1606, 0.2945,
0.3248

■ 21.0872, 0.5857,
0.3671

■ 94.7435, 0.2946,
0.3289

■ 19.8060, 0.6008,
0.3612

Harmonies

Analogous

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



47.3033, 0.3710, 0.3261



47.3033, 0.3831, 0.3551



47.3033, 0.3750, 0.3796

Triad

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



47.3033, 0.3831, 0.3551



47.3033, 0.2820, 0.3615



47.3033, 0.2742, 0.2713

Complementary

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



47.3033, 0.3831, 0.3551



54.5176, 0.2614, 0.3011

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.



47.3033, 0.2531, 0.2769



47.3033, 0.3831, 0.3551



47.3033, 0.2573, 0.3277

Square

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



47.3033, 0.3831, 0.3551



47.3033, 0.3157, 0.3859



47.3033, 0.2471, 0.2967



47.3033, 0.3065, 0.2796

Rectangle

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



47.3033, 0.3831, 0.3551



47.3033, 0.3598, 0.3896



47.3033, 0.2471, 0.2967



47.3033, 0.2657, 0.2716

Sweetspot

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



47.3055, 0.3831, 0.3551



87.4493, 0.3296, 0.3363



41.8322, 0.3362, 0.2672



18.3622, 0.3322, 0.3374



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.



47.3055, 0.3831, 0.3551



56.4208, 0.4048, 0.3610



63.5362, 0.3691, 0.3964



14.3443, 0.3285, 0.3359



11.5906, 0.5980, 0.3634



0.9545, 0.5676, 0.3876

Inverse Universe

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



54.5176, 0.2614, 0.3011



67.4376, 0.2507, 0.2937



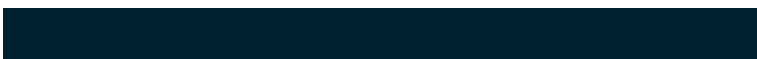
38.9021, 0.2549, 0.2509



14.8662, 0.2982, 0.3220



17.7910, 0.1978, 0.2322



1.3848, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 47.3033, 0.3831, 0.3551 looks on a white background.

Color Contrast Check

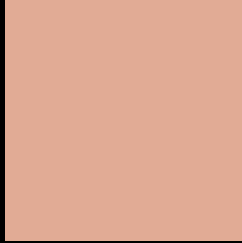
Large Text (above 18pt) WCAG AA × Fail

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 47.3033, 0.3831, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

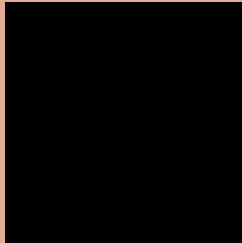
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3033, 0.3831, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 47.3033, 0.3831, 0.3551.



This preview shows how white text looks on a background with the Yxy color 47.3033, 0.3831, 0.3551.

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

47.3033, 0.3831, 0.3551

Protanopia

47.5710, 0.3443, 0.3653

Deuteranopia

47.3349, 0.3709, 0.3634



Tritanopia

47.3861, 0.3590, 0.3153

Trichromacy



Original Color

47.3033, 0.3831, 0.3551

Protanomaly

47.5192, 0.3581, 0.3617

Deuteranomaly

47.1619, 0.3754, 0.3606

Tritanomaly

47.1633, 0.3682, 0.3292

Monochromacy



Original Color

47.3033, 0.3831, 0.3551

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9004, 0.3369, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3033, 0.3831, 0.3551 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(225, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 149)  
}
```

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(225, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 149) }
```

Border

The CSS property to change the border of an element to Yxy 47.3033, 0.3831, 0.3551 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(225, 171, 149) }
```

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

```
.border{ border-color:rgb(225, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3033, 0.3831, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 149) }
```

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

```
.background{ background-color: rgb(225,  
171, 149) }
```

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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