

Converting Colors

$Yxy(47.6162, 0.3870, 0.3568)$

Have a look what the booklet for
Yxy(47.6162, 0.3870, 0.3568)
contains.

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Color

Yxy(47.5633, 0.3869, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	E3AB93
RGB	227, 171, 147
RGB Percent	89%, 67%, 58%
CMY	0.1096, 0.3295, 0.4235
CMYK	0.00, 0.25, 0.35, 0.11
HSL	18°, 59%, 73%
HSV	18°, 35%, 89%
XYZ	51.5180, 47.5633, 34.0746
YIQ	185.0080, 41.0800, 4.4080

Conversions

Conversions Part 2

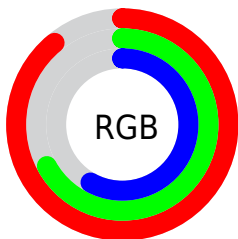
Format	Color
R _Y B	227, 181, 147
Decimal	14920595
CIE Lab	74.55, 17.38, 20.33
CIE LCh	75, 26.746, 49.484
Yxy	47.5633, 0.3869, 0.3572
Android (android.graphics.Color)	4293110675 (0xFFE3AB93)
YUV	185.0080, -18.7379, 36.8270
Hunter-Lab	68.9662, 12.6496, 18.9825

Details

The Yxy color **47.5633, 0.3869, 0.3572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4961, 0.2591, 0.2986**, and the grayscale version is **48.6123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8698, 0.3505, 0.3544**, and **22.5842, 0.4081, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **41.2715, 0.4166, 0.3652**, and if you desaturate by 10%, it is **54.7231, 0.3613, 0.3489**.

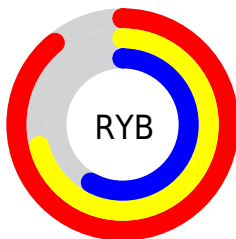
Distribution



Red (89%)

Green (67%)

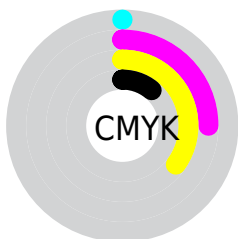
Blue (58%)



Red (89%)

Yellow (71%)

Blue (58%)

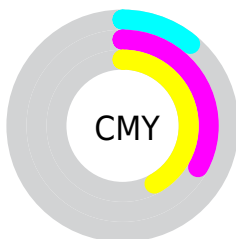


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5633, 0.3869, 0.3572 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 47.5633, 0.3869, 0.3572 by changing the saturation by 10% instead.


 47.5633, 0.3869,
0.3572


 47.5633, 0.3869,
0.3572


377.0585, 0.3496,
0.3443

 33.4812, 0.3962,
0.3600


 86.5538, 0.3734,
0.3528

 22.4953, 0.4080,
0.3634


 112.2311, 0.3683,
0.3511

 14.2213, 0.4237,
0.3674


142.5421, 0.3640,
0.3495

 8.2747, 0.4453,
0.3721

177.8714, 0.3603,
0.3482

 4.2713, 0.4764,
0.3772

218.6033, 0.3571,
0.3471

 1.8264, 0.5384,
0.3906

265.1221, 0.3543,

 0.5036, 0.6423,

0.3460

0.3577

317.8124, 0.3518,
0.3451

0.0000, 0.0000,
0.0000

47.5633, 0.3869,
0.3572

47.5633, 0.3869,
0.3572

41.2715, 0.4166,
0.3652

54.7231, 0.3613,
0.3489

35.8070, 0.4503,
0.3721

62.7760, 0.3395,
0.3407

31.1359, 0.4868,
0.3769

71.7544, 0.3211,
0.3329

27.2191, 0.5240,
0.3783

81.6872, 0.3057,
0.3256

24.0135, 0.5587,
0.3752

92.2401, 0.2957,
0.3244

■ 21.4711, 0.5872,
0.3675

■ 95.0773, 0.2958,
0.3290

■ 20.4733, 0.5985,
0.3630

Harmonies

Analogous

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



47.5633, 0.3748, 0.3269



47.5633, 0.3869, 0.3572



47.5633, 0.3776, 0.3827

Triad

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



47.5633, 0.3869, 0.3572



47.5633, 0.2793, 0.3622



47.5633, 0.2732, 0.2686

Complementary

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



47.5633, 0.3869, 0.3572



54.4961, 0.2591, 0.2986

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.



47.5633, 0.2506, 0.2738



47.5633, 0.3869, 0.3572



47.5633, 0.2539, 0.3263

Square

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



47.5633, 0.3869, 0.3572



47.5633, 0.3145, 0.3885



47.5633, 0.2438, 0.2940



47.5633, 0.3074, 0.2777

Rectangle

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



47.5633, 0.3869, 0.3572



47.5633, 0.3612, 0.3932



47.5633, 0.2438, 0.2940



47.5633, 0.2641, 0.2686

Sweetspot

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



47.5656, 0.3869, 0.3572



86.4222, 0.3314, 0.3374



41.5866, 0.3375, 0.2645



18.1621, 0.3340, 0.3384



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.



47.5656, 0.3869, 0.3572



56.0309, 0.4073, 0.3629



64.3900, 0.3718, 0.3994



15.0683, 0.3285, 0.3361



12.1138, 0.5958, 0.3651



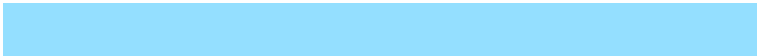
1.0534, 0.5671, 0.3879

Inverse Universe

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



54.4961, 0.2591, 0.2986



66.2372, 0.2491, 0.2915



38.4303, 0.2520, 0.2468



15.5691, 0.2981, 0.3218



17.9086, 0.1968, 0.2285



1.4840, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 47.5633, 0.3869, 0.3572 looks on a white background.

Color Contrast Check

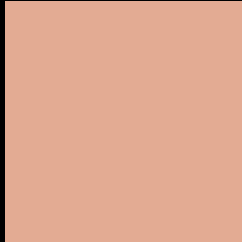
Large Text (above 18pt) WCAG AA × Fail

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 47.5633, 0.3869, 0.3572 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 47.5633, 0.3869, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 47.5633, 0.3869, 0.3572.



This preview shows how white text looks on a background with the Yxy color 47.5633, 0.3869, 0.3572.

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

47.5633, 0.3869, 0.3572

Protanopia

47.6362, 0.3469, 0.3678

Deuteranopia

47.4221, 0.3736, 0.3657



Tritanopia

47.3501, 0.3611, 0.3143

Trichromacy



Original Color

47.5633, 0.3869, 0.3572

Protanomaly

47.5964, 0.3607, 0.3641

Deuteranomaly

47.4075, 0.3791, 0.3628

Tritanomaly

47.4533, 0.3710, 0.3303

Monochromacy



Original Color

47.5633, 0.3869, 0.3572

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8622, 0.3377, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5633, 0.3869, 0.3572 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(227, 171, 147)` looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 147)  
}
```

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(227, 171, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 147) }
```

Border

The CSS property to change the border of an element to Yxy 47.5633, 0.3869, 0.3572 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(227, 171, 147) }
```

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

```
.border{ border-color:rgb(227, 171, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 171, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 171, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 171, 147);  
box-shadow:4px 4px 4px 4px rgb(227, 171,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5633, 0.3869, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 147) }
```

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

```
.background{ background-color: rgb(227,  
171, 147) }
```

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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