

Converting Colors

$Yxy(44.9909, 0.3378, 0.3568)$

Have a look what the booklet for
Yxy(44.9909, 0.3378, 0.3568)
contains.

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Color

Yxy(44.8399, 0.3382, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	BBB29D
RGB	187, 178, 157
RGB Percent	73%, 70%, 62%
CMY	0.2668, 0.3019, 0.3844
CMYK	0.00, 0.05, 0.16, 0.27
HSL	42°, 18%, 67%
HSV	42°, 16%, 73%
XYZ	42.4905, 44.8399, 38.3068
YIQ	178.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

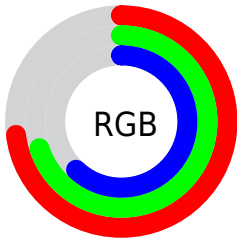
Format	Color
RYB	170, 187, 157
Decimal	12300957
CIELab	72.79, -0.38, 11.89
CIELCh	73, 11.897, 91.854
Yxy	44.8399, 0.3382, 0.3569
Android (android.graphics.Color)	4290491037 (0xFFBBB29D)
YUV	178.2970, -10.4994, 7.6325
Hunter-Lab	66.9626, -3.9191, 12.9563

Details

The Yxy color **44.8399, 0.3382, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.9964, 0.2876, 0.2995**, and the grayscale version is **44.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6538, 0.3330, 0.3517**, and **20.7762, 0.3459, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **42.0778, 0.3559, 0.3751**, and if you desaturate by 10%, it is **47.7939, 0.3219, 0.3392**.

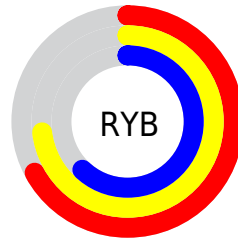
Distribution



Red (73%)

Green (70%)

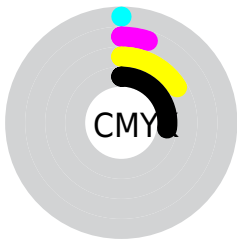
Blue (62%)



Red (67%)

Yellow (73%)

Blue (62%)

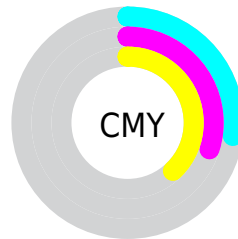


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (30%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8399, 0.3382, 0.3569 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 44.8399, 0.3382, 0.3569 by changing the saturation by 10% instead.


 44.8399, 0.3382,
0.3569

 44.8399, 0.3382,
0.3569


366.1248, 0.3254,
0.3429

 31.3313, 0.3414,
0.3604

 82.4801, 0.3335,
0.3518

 20.8513, 0.3456,
0.3650


 107.3806, 0.3318,
0.3499

 13.0153, 0.3511,
0.3711


136.8471, 0.3303,
0.3482

 7.4391, 0.3588,
0.3796

171.2641, 0.3290,
0.3469

 3.7382, 0.3703,
0.3923

211.0160, 0.3279,
0.3457

 1.5282, 0.3913,
0.4156

256.4871, 0.3270,

 0.3085, 0.4792,

0.3446

0.5208

308.0619, 0.3261,
0.3437

0.0000, 0.0000,
0.0000

44.8399, 0.3382,
0.3569

44.8399, 0.3382,
0.3569

42.0778, 0.3559,
0.3751

47.7939, 0.3219,
0.3392

39.4961, 0.3749,
0.3933

50.9389, 0.3070,
0.3225

37.0909, 0.3946,
0.4108

54.2818, 0.2936,
0.3067

34.8559, 0.4145,
0.4267

57.8275, 0.2816,
0.2921

32.7844, 0.4338,
0.4400

61.5803, 0.2709,
0.2787

■ 30.8687, 0.4516,
0.4495

■ 64.5989, 0.2689,
0.2804

■ 29.1001, 0.4670,
0.4545

■ 67.4248, 0.2695,
0.2868

■ 27.4680, 0.4794,
0.4546

■ 70.3477, 0.2701,
0.2932

■ 26.8497, 0.4840,
0.4539

■ 73.3687, 0.2708,
0.2995

Harmonies

Analogous

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



44.8399, 0.3456, 0.3481



44.8399, 0.3382, 0.3569



44.8399, 0.3240, 0.3582

Triad

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



44.8399, 0.3382, 0.3569



44.8399, 0.2824, 0.3220



44.8399, 0.3178, 0.3083

Complementary

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



44.8399, 0.3382, 0.3569



37.9964, 0.2876, 0.2995

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.



44.8399, 0.3009, 0.3015



44.8399, 0.3382, 0.3569



44.8399, 0.2808, 0.3089

Square

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



44.8399, 0.3382, 0.3569



44.8399, 0.2919, 0.3376



44.8399, 0.2875, 0.3016



44.8399, 0.3337, 0.3203

Rectangle

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



44.8399, 0.3382, 0.3569



44.8399, 0.3127, 0.3544



44.8399, 0.2875, 0.3016



44.8399, 0.3120, 0.3053

Sweetspot

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



44.8419, 0.3382, 0.3569



86.1641, 0.3204, 0.3376



37.4207, 0.3339, 0.3170



18.8895, 0.3215, 0.3388



95.5105, 0.3127, 0.3290



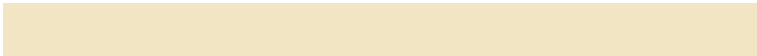
19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8419, 0.3382, 0.3569



78.6944, 0.3439, 0.3628



47.7748, 0.3312, 0.3689



10.6271, 0.3271, 0.3450



18.6400, 0.4830, 0.4547



0.8392, 0.4644, 0.4695

Inverse Universe

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



37.9964, 0.2876, 0.2995



64.2577, 0.2821, 0.2927



35.4795, 0.2924, 0.2872



9.6766, 0.2984, 0.3124



4.5161, 0.1615, 0.1012



0.2949, 0.1755, 0.1517

Previews

White Background



This preview shows how the Yxy color 44.8399, 0.3382, 0.3569 looks on a white background.

Color Contrast Check

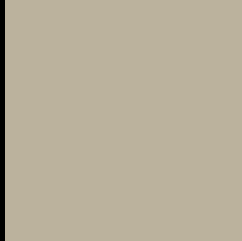
Large Text (above 18pt) WCAG AA × Fail

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 44.8399, 0.3382, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

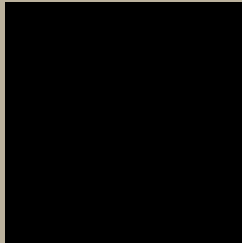
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

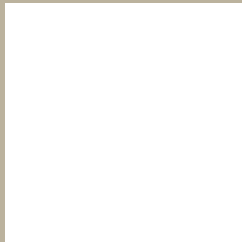
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8399, 0.3382, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 44.8399, 0.3382, 0.3569.



This preview shows how white text looks on a background with the Yxy color 44.8399, 0.3382, 0.3569.

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

44.8399, 0.3382, 0.3569

Protanopia

44.8399, 0.3382, 0.3569

Deuteranopia

44.6702, 0.3537, 0.3468



Tritanopia

44.9363, 0.3170, 0.3125

Trichromacy



Original Color

44.8399, 0.3382, 0.3569

Protanomaly

44.8399, 0.3382, 0.3569

Deuteranomaly

44.6110, 0.3475, 0.3497

Tritanomaly

44.7417, 0.3253, 0.3277

Monochromacy



Original Color

44.8399, 0.3382, 0.3569

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5668, 0.3219, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8399, 0.3382, 0.3569 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(187, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 157)  
}
```

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(187, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.8399, 0.3382, 0.3569 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(187, 178, 157) }
```

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

```
.border{ border-color:rgb(187, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8399, 0.3382, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 157) }
```

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

```
.background{ background-color: rgb(187,  
178, 157) }
```

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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