

Converting Colors

$Yxy(43.3739, 0.3487, 0.3438)$

Have a look what the booklet for
Yxy(43.3739, 0.3487, 0.3438)
contains.

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Color

Yxy(43.2584, 0.3485, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	C6AA9F
RGB	198, 170, 159
RGB Percent	78%, 67%, 62%
CMY	0.2237, 0.3333, 0.3765
CMYK	0.00, 0.14, 0.20, 0.22
HSL	17°, 25%, 70%
HSV	17°, 20%, 78%
XYZ	43.9136, 43.2584, 38.8355
YIQ	177.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

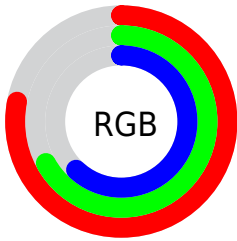
Format	Color
RYB	198, 174, 159
Decimal	13019807
CIELab	71.73, 8.39, 9.42
CIELCh	72, 12.616, 48.319
Yxy	43.2584, 0.3485, 0.3433
Android (android.graphics.Color)	4291209887 (0xFFC6AA9F)
YUV	177.1180, -8.9322, 18.3135
Hunter-Lab	65.7711, 4.0803, 11.0311

Details

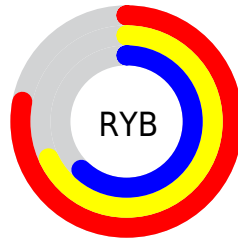
The Yxy color **43.2584, 0.3485, 0.3433** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9624, 0.2827, 0.3142**, and the grayscale version is **44.0706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9655, 0.3416, 0.3401**, and **19.9689, 0.3591, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **37.5878, 0.3719, 0.3511**, and if you desaturate by 10%, it is **49.6179, 0.3288, 0.3358**.

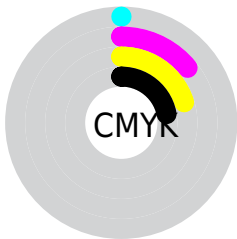
Distribution



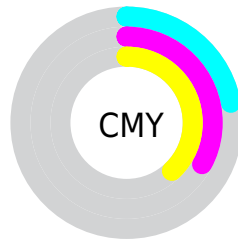
- Red (78%)
- Green (67%)
- Blue (62%)



- Red (78%)
- Yellow (68%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (22%)




- Cyan (22%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2584, 0.3485, 0.3433 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 43.2584, 0.3485, 0.3433 by changing the saturation by 10% instead.


 43.2584, 0.3485,
0.3433


 43.2584, 0.3485,
0.3433

359.6734, 0.3303,
0.3363

 30.0879, 0.3532,
0.3450


 80.1006, 0.3418,
0.3408

 19.9053, 0.3592,
0.3471


 104.5412, 0.3393,
0.3398

 12.3262, 0.3674,
0.3499


133.5072, 0.3372,
0.3390

 6.9663, 0.3790,
0.3537

167.3831, 0.3354,
0.3383

 3.4410, 0.3967,
0.3589

206.5533, 0.3339,
0.3377

 1.3661, 0.4287,
0.3679

251.4021, 0.3325,

 0.1915, 0.6689,

0.3372

0.3311

302.3140, 0.3313,
0.3367

0.0000, 0.0000,
0.0000

43.2584, 0.3485,
0.3433

43.2584, 0.3485,
0.3433

37.5878, 0.3719,
0.3511

49.6179, 0.3288,
0.3358

32.5767, 0.3993,
0.3588

56.6827, 0.3122,
0.3288

28.2025, 0.4309,
0.3660

64.4759, 0.2983,
0.3223

24.4386, 0.4662,
0.3717

73.0178, 0.2866,
0.3164

21.2568, 0.5038,
0.3750

82.1344, 0.2783,
0.3140

■ 18.6263, 0.5409,
0.3745

■ 90.7405, 0.2794,
0.3289

■ 16.5131, 0.5740,
0.3697

■ 14.8732, 0.6003,
0.3612

■ 14.8277, 0.6011,
0.3609

Harmonies

Analogous

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



43.2584, 0.3423, 0.3280



43.2584, 0.3485, 0.3433



43.2584, 0.3448, 0.3555

Triad

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



43.2584, 0.3485, 0.3433



43.2584, 0.2972, 0.3454



43.2584, 0.2928, 0.2986

Complementary

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



43.2584, 0.3485, 0.3433



46.9624, 0.2827, 0.3142

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.



43.2584, 0.2814, 0.3022



43.2584, 0.3485, 0.3433



43.2584, 0.2839, 0.3290

Square

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



43.2584, 0.3485, 0.3433



43.2584, 0.3149, 0.3573



43.2584, 0.2782, 0.3131



43.2584, 0.3098, 0.3027

Rectangle

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



43.2584, 0.3485, 0.3433



43.2584, 0.3373, 0.3600



43.2584, 0.2782, 0.3131



43.2584, 0.2882, 0.2989

Sweetspot

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



43.2604, 0.3485, 0.3433



92.2512, 0.3225, 0.3332



40.4092, 0.3242, 0.2930



19.5711, 0.3236, 0.3337



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.



43.2604, 0.3485, 0.3433



71.7887, 0.3589, 0.3469



50.8431, 0.3441, 0.3667



11.1173, 0.3283, 0.3356



9.7739, 0.5987, 0.3628



0.5889, 0.5565, 0.3964

Inverse Universe

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



46.9624, 0.2827, 0.3142



79.6323, 0.2756, 0.3103



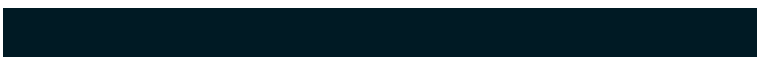
39.4852, 0.2811, 0.2882



11.5409, 0.2984, 0.3223



15.3841, 0.1987, 0.2352



0.8469, 0.2047, 0.2571

Previews

White Background



This preview shows how the Yxy color 43.2584, 0.3485, 0.3433 looks on a white background.

Color Contrast Check

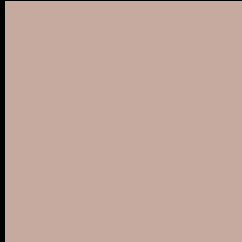
Large Text (above 18pt) WCAG AA × Fail

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 43.2584, 0.3485, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

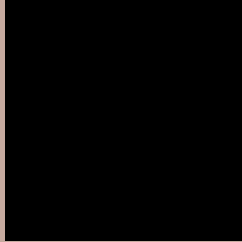
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2584, 0.3485, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 43.2584, 0.3485, 0.3433.



This preview shows how white text looks on a background with the Yxy color 43.2584, 0.3485, 0.3433.

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

43.2584, 0.3485, 0.3433

Protanopia

43.2137, 0.3299, 0.3465

Deuteranopia

43.3948, 0.3495, 0.3432



Tritanopia

43.3502, 0.3329, 0.3127

Trichromacy



Original Color

43.2584, 0.3485, 0.3433

Protanomaly

43.1517, 0.3367, 0.3450

Deuteranomaly

43.3948, 0.3495, 0.3432

Tritanomaly

43.2632, 0.3390, 0.3240

Monochromacy



Original Color

43.2584, 0.3485, 0.3433

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4887, 0.3260, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2584, 0.3485, 0.3433 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(198, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 170, 159)  
}
```

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(198, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 170, 159) }
```

Border

The CSS property to change the border of an element to Yxy 43.2584, 0.3485, 0.3433 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(198, 170, 159) }
```

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

```
.border{ border-color:rgb(198, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 170,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2584, 0.3485, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 170, 159) }
```

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

```
.background{ background-color: rgb(198,  
170, 159) }
```

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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