

Converting Colors

$Yxy(43.3001, 0.3431, 0.3368)$

Have a look what the booklet for
Yxy(43.3001, 0.3431, 0.3368)
contains.

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Color

Yxy(43.3001, 0.3431, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	C5AAA4
RGB	197, 170, 164
RGB Percent	77%, 67%, 64%
CMY	0.2273, 0.3334, 0.3569
CMYK	0.00, 0.14, 0.17, 0.23
HSL	11°, 22%, 71%
HSV	11°, 17%, 77%
XYZ	44.1100, 43.3001, 41.1531
YIQ	177.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

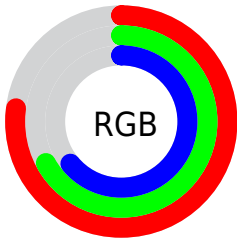
Format	Color
R _Y B	197, 171, 164
Decimal	12954276
CIE Lab	71.76, 8.84, 6.70
CIE LCh	72, 11.098, 37.165
Yxy	43.3001, 0.3431, 0.3368
Android (android.graphics.Color)	4291144356 (0xFFC5AAA4)
YUV	177.3890, -6.6008, 17.1988
Hunter-Lab	65.8028, 4.5002, 8.9820

Details

The Yxy color **43.3001, 0.3431, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2110, 0.2873, 0.3211**, and the grayscale version is **44.2130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0357, 0.3374, 0.3351**, and **19.9664, 0.3526, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **36.9630, 0.3664, 0.3418**, and if you desaturate by 10%, it is **50.4936, 0.3238, 0.3320**.

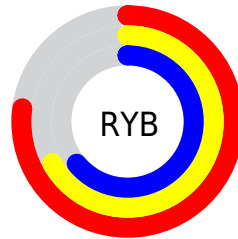
Distribution



Red (77%)

Green (67%)

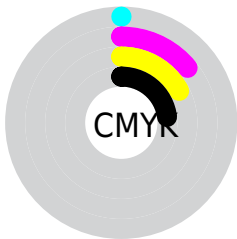
Blue (64%)



Red (77%)

Yellow (67%)

Blue (64%)

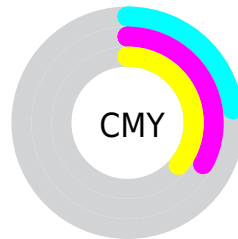


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3001, 0.3431, 0.3368 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 43.3001, 0.3431, 0.3368 by changing the saturation by 10% instead.

 43.3001, 0.3431,
0.3368


 43.3001, 0.3431,
0.3368

359.8445, 0.3276,
0.3330

 30.1207, 0.3471,
0.3377


 80.1635, 0.3374,
0.3355

 19.9302, 0.3522,
0.3388


 104.6163, 0.3353,
0.3350

 12.3443, 0.3591,
0.3403


133.5956, 0.3335,
0.3345

 6.9786, 0.3690,
0.3422

167.4859, 0.3320,
0.3341

 3.4487, 0.3841,
0.3448

206.6715, 0.3307,
0.3338

 1.3702, 0.4102,
0.3485

251.5369, 0.3295,

 0.1946, 0.6732,

0.3335

0.3268

302.4664, 0.3285,
0.3333

0.0000, 0.0000,
0.0000

43.3001, 0.3431,
0.3368

43.3001, 0.3431,
0.3368

36.9630, 0.3664,
0.3418

50.4936, 0.3238,
0.3320

31.4446, 0.3945,
0.3469

58.5679, 0.3079,
0.3276

26.7131, 0.4276,
0.3516

67.5534, 0.2948,
0.3236

22.7323, 0.4656,
0.3554

77.4776, 0.2839,
0.3199

19.4630, 0.5070,
0.3575

87.8727, 0.2786,
0.3243

■ 16.8627, 0.5488,
0.3570

■ 90.6165, 0.2789,
0.3289

■ 14.8838, 0.5861,
0.3533

■ 13.4715, 0.6141,
0.3467

■ 13.1215, 0.6215,
0.3447

Harmonies

Analogous

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



43.3001, 0.3347, 0.3231



43.3001, 0.3431, 0.3368



43.3001, 0.3431, 0.3489

Triad

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



43.3001, 0.3431, 0.3368



43.3001, 0.3046, 0.3480



43.3001, 0.2907, 0.3026

Complementary

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



43.3001, 0.3431, 0.3368



49.2110, 0.2873, 0.3211

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.



43.3001, 0.2832, 0.3083



43.3001, 0.3431, 0.3368



43.3001, 0.2910, 0.3346

Square

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



43.3001, 0.3431, 0.3368



43.3001, 0.3206, 0.3559



43.3001, 0.2833, 0.3200



43.3001, 0.3043, 0.3037

Rectangle

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



43.3001, 0.3431, 0.3368



43.3001, 0.3384, 0.3545



43.3001, 0.2833, 0.3200



43.3001, 0.2874, 0.3037

Sweetspot

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



43.3020, 0.3431, 0.3368



92.7256, 0.3209, 0.3313



42.2119, 0.3194, 0.2945



19.6353, 0.3221, 0.3316



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.



43.3020, 0.3431, 0.3368



73.3319, 0.3509, 0.3386



49.6871, 0.3398, 0.3569



10.9428, 0.3285, 0.3333



8.7154, 0.6196, 0.3462



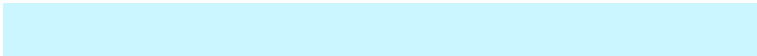
0.5102, 0.5813, 0.3767

Inverse Universe

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



49.2110, 0.2873, 0.3211



85.8194, 0.2821, 0.3192



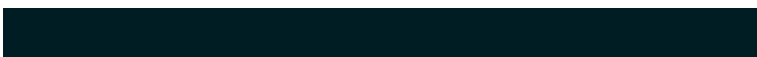
42.5908, 0.2863, 0.2994



11.7279, 0.2984, 0.3247



19.5950, 0.2085, 0.2706



1.0155, 0.2122, 0.2840

Previews

White Background



This preview shows how the Yxy color 43.3001, 0.3431, 0.3368 looks on a white background.

Color Contrast Check

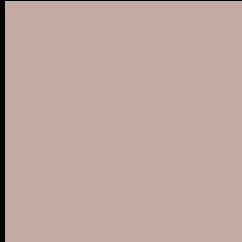
Large Text (above 18pt) WCAG AA × Fail

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 43.3001, 0.3431, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

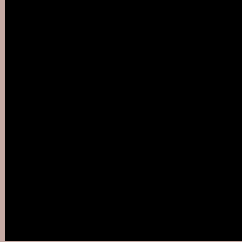
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3001, 0.3431, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 43.3001, 0.3431, 0.3368.



This preview shows how white text looks on a background with the Yxy color 43.3001, 0.3431, 0.3368.

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

43.3001, 0.3431, 0.3368

Protanopia

43.2737, 0.3247, 0.3398

Deuteranopia

43.3001, 0.3431, 0.3368



Tritanopia

43.1157, 0.3302, 0.3114

Trichromacy



Original Color

43.3001, 0.3431, 0.3368

Protanomaly

43.2051, 0.3314, 0.3383

Deuteranomaly

43.3001, 0.3431, 0.3368

Tritanomaly

43.1062, 0.3344, 0.3202

Monochromacy



Original Color

43.3001, 0.3431, 0.3368

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4410, 0.3233, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3001, 0.3431, 0.3368 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(197, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 164)  
}
```

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(197, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.3001, 0.3431, 0.3368 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(197, 170, 164) }
```

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

```
.border{ border-color:rgb(197, 170, 164) }
```

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

Here you see how a box with a 4 pixel rgb(197, 170, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3001, 0.3431, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 164) }
```

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

```
.background{ background-color: rgb(197,  
170, 164) }
```

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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