

Converting Colors

$Yxy(43.3656, 0.3338, 0.3304)$

Have a look what the booklet for
Yxy(43.3656, 0.3338, 0.3304)
contains.

Yxy(43.3656, 0.3338, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3656, 0.3338, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	C1ABAA
RGB	193, 171, 170
RGB Percent	76%, 67%, 67%
CMY	0.2431, 0.3294, 0.3335
CMYK	0.00, 0.11, 0.12, 0.24
HSL	3°, 16%, 71%
HSV	3°, 12%, 76%
XYZ	43.8119, 43.3656, 44.0744
YIQ	177.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

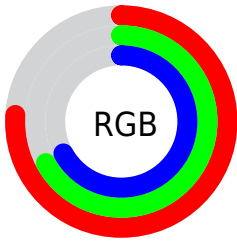
Format	Color
R_{YB}	193, 171, 170
Decimal	12692394
CIE Lab	71.80, 7.78, 3.44
CIE LCh	72, 8.504, 23.836
Yxy	43.3656, 0.3338, 0.3304
Android (android.graphics.Color)	4290882474 (0xFFC1ABAA)
YUV	177.4640, -3.6798, 13.6251
Hunter-Lab	65.8526, 3.5145, 6.4147

Details

The Yxy color **43.3656, 0.3338, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.0858, 0.2946, 0.3276**, and the grayscale version is **44.2387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1529, 0.3303, 0.3301**, and **19.9906, 0.3395, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **36.2043, 0.3562, 0.3317**, and if you desaturate by 10%, it is **51.6093, 0.3158, 0.3292**.

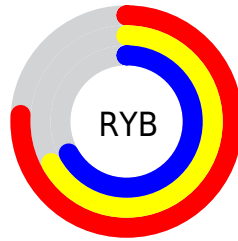
Distribution



Red (76%)

Green (67%)

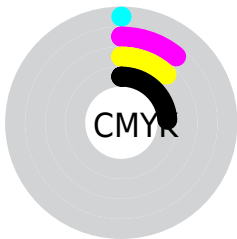
Blue (67%)



Red (76%)

Yellow (67%)

Blue (67%)

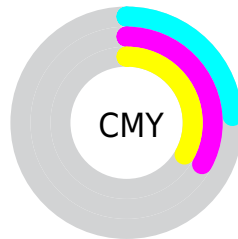


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3656, 0.3338, 0.3304 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 43.3656, 0.3338, 0.3304 by changing the saturation by 10% instead.


 43.3656, 0.3338,
0.3304

 43.3656, 0.3338,
0.3304

360.1131, 0.3231,
0.3298

 30.1721, 0.3365,
0.3305


 80.2623, 0.3299,
0.3302

 19.9692, 0.3401,
0.3307


104.7342, 0.3284,
0.3301

 12.3727, 0.3449,
0.3309


133.7344, 0.3272,
0.3300

 6.9980, 0.3517,
0.3311

167.6473, 0.3261,
0.3300

 3.4609, 0.3621,
0.3313

206.8572, 0.3252,
0.3299

 1.3768, 0.3802,
0.3313

251.7485, 0.3244,

 0.1995, 0.6554,

0.3299

0.3446

302.7057, 0.3237,
0.3298

0.0000, 0.0000,
0.0000

43.3656, 0.3338,
0.3304

43.3656, 0.3338,
0.3304

36.2043, 0.3562,
0.3317

51.6093, 0.3158,
0.3292

30.0751, 0.3838,
0.3330

60.9717, 0.3013,
0.3281

24.9320, 0.4174,
0.3343

71.4945, 0.2895,
0.3272

20.7237, 0.4573,
0.3354

83.2155, 0.2799,
0.3263

17.3939, 0.5023,
0.3360

90.0800, 0.2768,
0.3289

■ 14.8806, 0.5488,
0.3360

■ 13.1132, 0.5910,
0.3351

■ 12.0097, 0.6219,
0.3334

■ 11.5281, 0.6370,
0.3324

Harmonies

Analogous

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



43.3656, 0.3251, 0.3201



43.3656, 0.3338, 0.3304



43.3656, 0.3368, 0.3406

Triad

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



43.3656, 0.3338, 0.3304



43.3656, 0.3120, 0.3468



43.3656, 0.2926, 0.3101

Complementary

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



43.3656, 0.3338, 0.3304



50.0858, 0.2946, 0.3276

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.



43.3656, 0.2893, 0.3168



43.3656, 0.3338, 0.3304



43.3656, 0.3003, 0.3381

Square

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



43.3656, 0.3338, 0.3304



43.3656, 0.3240, 0.3504



43.3656, 0.2921, 0.3270



43.3656, 0.3012, 0.3084

Rectangle

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



43.3656, 0.3338, 0.3304



43.3656, 0.3351, 0.3460



43.3656, 0.2921, 0.3270



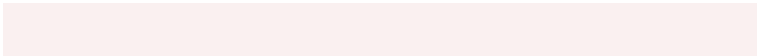
43.3656, 0.2908, 0.3118

Sweetspot

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



43.3675, 0.3338, 0.3304



89.1192, 0.3193, 0.3295



43.8939, 0.3147, 0.3009



18.8706, 0.3206, 0.3296



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.3675, 0.3338, 0.3304



74.5680, 0.3385, 0.3307



47.8041, 0.3320, 0.3448



10.1488, 0.3288, 0.3301



7.6973, 0.6362, 0.3330



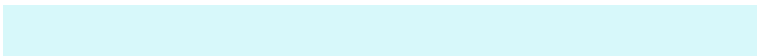
0.3581, 0.6225, 0.3439

Inverse Universe

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



50.0858, 0.2946, 0.3276



88.6673, 0.2913, 0.3273



45.3293, 0.2943, 0.3127



11.3484, 0.2984, 0.3279



25.4866, 0.2209, 0.3151



1.1255, 0.2218, 0.3184

Previews

White Background



This preview shows how the Yxy color 43.3656, 0.3338, 0.3304 looks on a white background.

Color Contrast Check

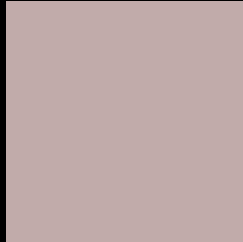
Large Text (above 18pt) WCAG AA × Fail

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 43.3656, 0.3338, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

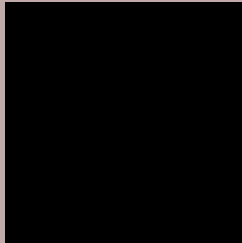
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3656, 0.3338, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 43.3656, 0.3338, 0.3304.



This preview shows how white text looks on a background with the Yxy color 43.3656, 0.3338, 0.3304.

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

43.3656, 0.3338, 0.3304

Protanopia

43.3418, 0.3196, 0.3330

Deuteranopia

43.2538, 0.3358, 0.3291



Tritanopia

43.3554, 0.3253, 0.3125

Trichromacy



Original Color

43.3656, 0.3338, 0.3304

Protanomaly

43.5267, 0.3251, 0.3330

Deuteranomaly

43.1211, 0.3348, 0.3291

Tritanomaly

43.4331, 0.3278, 0.3188

Monochromacy



Original Color

43.3656, 0.3338, 0.3304

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7832, 0.3207, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3656, 0.3338, 0.3304 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(193, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 170)  
}
```

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(193, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.3656, 0.3338, 0.3304 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(193, 171, 170) }
```

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

```
.border{ border-color:rgb(193, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3656, 0.3338, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 170) }
```

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

```
.background{ background-color: rgb(193,  
171, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor