

Converting Colors

$Yxy(44.0694, 0.3496, 0.3444)$

Have a look what the booklet for
Yxy(44.0694, 0.3496, 0.3444)
contains.

Yxy(43.9084, 0.3502, 0.3445)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9084, 0.3502, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	C8AB9F
RGB	200, 171, 159
RGB Percent	78%, 67%, 62%
CMY	0.2158, 0.3294, 0.3766
CMYK	0.00, 0.14, 0.21, 0.22
HSL	18°, 27%, 70%
HSV	18°, 21%, 78%
XYZ	44.6349, 43.9084, 38.9121
YIQ	178.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

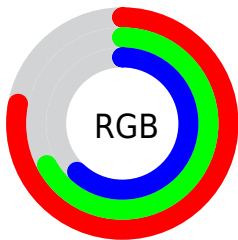
Format	Color
R _Y B	200, 176, 159
Decimal	13151135
CIE Lab	72.17, 8.61, 10.08
CIE LCh	72, 13.259, 49.507
Yxy	43.9084, 0.3502, 0.3445
Android (android.graphics.Color)	4291341215 (0xFFC8AB9F)
YUV	178.3030, -9.5164, 19.0283
Hunter-Lab	66.2634, 4.2763, 11.5673

Details

The Yxy color **43.9084, 0.3502, 0.3445** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4803, 0.2814, 0.3130**, and the grayscale version is **44.7320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5078, 0.3414, 0.3411**, and **20.3874, 0.3613, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **38.2159, 0.3738, 0.3526**, and if you desaturate by 10%, it is **50.2877, 0.3303, 0.3367**.

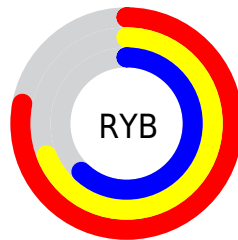
Distribution



Red (78%)

Green (67%)

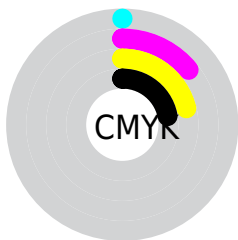
Blue (62%)



Red (78%)

Yellow (69%)

Blue (62%)

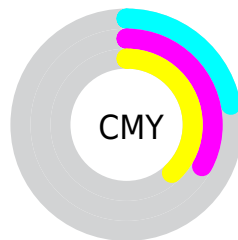


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9084, 0.3502, 0.3445 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 43.9084, 0.3502, 0.3445 by changing the saturation by 10% instead.


 43.9084, 0.3502,
0.3445


 43.9084, 0.3502,
0.3445


362.3344, 0.3311,
0.3369

 30.5985, 0.3551,
0.3463


 81.0799, 0.3432,
0.3418

 20.2933, 0.3613,
0.3486


 105.7103, 0.3406,
0.3408

 12.6084, 0.3698,
0.3516

134.8829, 0.3384,
0.3399

 7.1595, 0.3818,
0.3556

168.9823, 0.3365,
0.3391

 3.5620, 0.4001,
0.3612

208.3927, 0.3349,
0.3385

 1.4317, 0.4325,
0.3705

253.4986, 0.3335,

 0.2399, 0.6462,

0.3379

0.3538

304.6843, 0.3322,
0.3374

0.0000, 0.0000,
0.0000

43.9084, 0.3502,
0.3445

43.9084, 0.3502,
0.3445

38.2159, 0.3738,
0.3526

50.2877, 0.3303,
0.3367

33.1810, 0.4013,
0.3606

57.3698, 0.3135,
0.3294

28.7811, 0.4330,
0.3680

65.1779, 0.2994,
0.3226

24.9899, 0.4682,
0.3738

73.7321, 0.2875,
0.3163

21.7793, 0.5053,
0.3770

82.7936, 0.2795,
0.3148

■ 19.1188, 0.5418,
0.3763

■ 91.0169, 0.2805,
0.3289

■ 16.9744, 0.5741,
0.3711

■ 15.3748, 0.5986,
0.3629

Harmonies

Analogous

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



43.9084, 0.3441, 0.3285



43.9084, 0.3502, 0.3445



43.9084, 0.3459, 0.3571

Triad

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



43.9084, 0.3502, 0.3445



43.9084, 0.2958, 0.3456



43.9084, 0.2925, 0.2973

Complementary

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



43.9084, 0.3502, 0.3445



47.4803, 0.2814, 0.3130

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.



43.9084, 0.2803, 0.3006



43.9084, 0.3502, 0.3445



43.9084, 0.2822, 0.3282

Square

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



43.9084, 0.3502, 0.3445



43.9084, 0.3142, 0.3583



43.9084, 0.2766, 0.3118



43.9084, 0.3104, 0.3019

Rectangle

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



43.9084, 0.3502, 0.3445



43.9084, 0.3378, 0.3616



43.9084, 0.2766, 0.3118



43.9084, 0.2877, 0.2975

Sweetspot

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



43.9104, 0.3502, 0.3445



92.3502, 0.3225, 0.3334



40.7115, 0.3254, 0.2923



19.5944, 0.3236, 0.3339



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.



43.9104, 0.3502, 0.3445



71.1085, 0.3612, 0.3484



52.0833, 0.3454, 0.3692



11.1359, 0.3282, 0.3358



9.9142, 0.5961, 0.3649



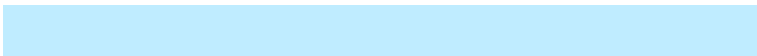
0.5973, 0.5541, 0.3983

Inverse Universe

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



47.4803, 0.2814, 0.3130



78.4840, 0.2741, 0.3087



39.4917, 0.2796, 0.2853



11.5213, 0.2984, 0.3221



14.9792, 0.1976, 0.2314



0.8302, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 43.9084, 0.3502, 0.3445 looks on a white background.

Color Contrast Check

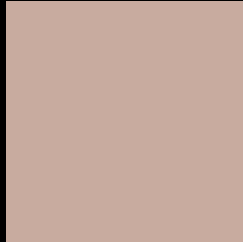
Large Text (above 18pt) WCAG AA × Fail

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 43.9084, 0.3502, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

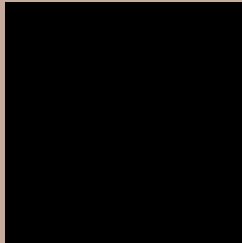
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9084, 0.3502, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 43.9084, 0.3502, 0.3445.



This preview shows how white text looks on a background with the Yxy color 43.9084, 0.3502, 0.3445.

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

43.9084, 0.3502, 0.3445

Protanopia

43.8497, 0.3316, 0.3477

Deuteranopia

44.0465, 0.3511, 0.3444



Tritanopia

44.0380, 0.3337, 0.3129

Trichromacy



Original Color

43.9084, 0.3502, 0.3445

Protanomaly

43.7925, 0.3383, 0.3462

Deuteranomaly

44.0465, 0.3511, 0.3444

Tritanomaly

43.9496, 0.3398, 0.3240

Monochromacy



Original Color

43.9084, 0.3502, 0.3445

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0393, 0.3259, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9084, 0.3502, 0.3445 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(200, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 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(200, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 159) }
```

Border

The CSS property to change the border of an element to Yxy 43.9084, 0.3502, 0.3445 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(200, 171, 159) }
```

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

```
.border{ border-color:rgb(200, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9084, 0.3502, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 159) }
```

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

```
.background{ background-color: rgb(200,  
171, 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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