

Converting Colors

$Yxy(44.3673, 0.3515, 0.3463)$

Have a look what the booklet for
Yxy(44.3673, 0.3515, 0.3463)
contains.

Yxy(44.3912, 0.3518, 0.3470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.3912, 0.3518, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	C9AC9E
RGB	201, 172, 158
RGB Percent	79%, 67%, 62%
CMY	0.2118, 0.3254, 0.3805
CMYK	0.00, 0.14, 0.21, 0.21
HSL	20°, 28%, 70%
HSV	20°, 21%, 79%
XYZ	45.0053, 44.3912, 38.5321
YIQ	179.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

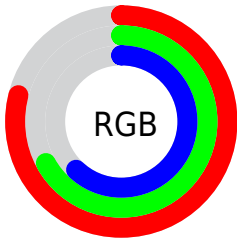
Format	Color
R _Y B	201, 179, 158
Decimal	13216926
CIE Lab	72.49, 8.29, 11.10
CIE LCh	72, 13.858, 53.237
Yxy	44.3912, 0.3518, 0.3470
Android (android.graphics.Color)	4291407006 (0xFFC9AC9E)
YUV	179.0750, -10.3900, 19.2282
Hunter-Lab	66.6267, 3.9771, 12.3497

Details

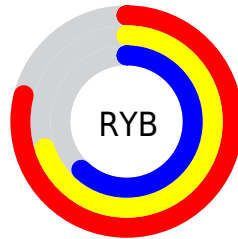
The Yxy color **44.3912, 0.3518, 0.3470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9968, 0.2799, 0.3103**, and the grayscale version is **45.1682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0023, 0.3420, 0.3432**, and **20.6055, 0.3622, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **38.8636, 0.3753, 0.3560**, and if you desaturate by 10%, it is **50.5609, 0.3318, 0.3383**.

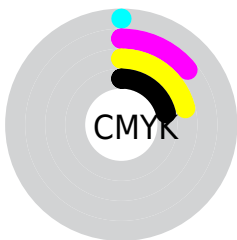
Distribution



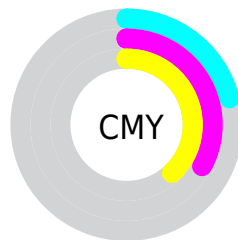
- Red (79%)
- Green (67%)
- Blue (62%)



- Red (79%)
- Yellow (70%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3912, 0.3518, 0.3470 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 44.3912, 0.3518, 0.3470 by changing the saturation by 10% instead.


 44.3912, 0.3518,
0.3470

 44.3912, 0.3518,
0.3470


364.3023, 0.3320,
0.3382

 30.9782, 0.3568,
0.3491


 81.8061, 0.3445,
0.3439

 20.5822, 0.3634,
0.3518


 106.5767, 0.3418,
0.3427

 12.8190, 0.3721,
0.3553


135.9020, 0.3395,
0.3416

 7.3040, 0.3845,
0.3599

170.1664, 0.3376,
0.3408

 3.6529, 0.4032,
0.3664

209.7542, 0.3359,
0.3400

 1.4814, 0.4366,
0.3776

255.0499, 0.3344,

 0.2756, 0.6276,

0.3393

0.3724

306.4377, 0.3331,
0.3387

0.0000, 0.0000,
0.0000

44.3912, 0.3518,
0.3470

44.3912, 0.3518,
0.3470

38.8636, 0.3753,
0.3560

50.5609, 0.3318,
0.3383

33.9509, 0.4025,
0.3648

57.3866, 0.3149,
0.3301

29.6327, 0.4335,
0.3729

64.8897, 0.3005,
0.3225

25.8853, 0.4676,
0.3794

73.0883, 0.2884,
0.3155

22.6832, 0.5033,
0.3829

81.7752, 0.2799,
0.3127

■ 19.9986, 0.5381,
0.3824

■ 90.0309, 0.2809,
0.3271

■ 17.8007, 0.5688,
0.3770

■ 91.1545, 0.2811,
0.3289

■ 16.2666, 0.5905,
0.3693

Harmonies

Analogous

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



44.3912, 0.3468, 0.3306



44.3912, 0.3518, 0.3470



44.3912, 0.3460, 0.3594

Triad

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



44.3912, 0.3518, 0.3470



44.3912, 0.2930, 0.3442



44.3912, 0.2938, 0.2961

Complementary

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



44.3912, 0.3518, 0.3470



46.9968, 0.2799, 0.3103

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.



44.3912, 0.2802, 0.2986



44.3912, 0.3518, 0.3470



44.3912, 0.2797, 0.3259

Square

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



44.3912, 0.3518, 0.3470



44.3912, 0.3117, 0.3583



44.3912, 0.2751, 0.3092



44.3912, 0.3128, 0.3019

Rectangle

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



44.3912, 0.3518, 0.3470



44.3912, 0.3369, 0.3634



44.3912, 0.2751, 0.3092



44.3912, 0.2884, 0.2960

Sweetspot

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



44.3932, 0.3518, 0.3470



92.6542, 0.3225, 0.3339



40.4629, 0.3274, 0.2923



19.6661, 0.3236, 0.3344



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.



44.3932, 0.3518, 0.3470



71.1858, 0.3630, 0.3514



53.0640, 0.3465, 0.3727



11.1931, 0.3281, 0.3366



10.3799, 0.5879, 0.3714



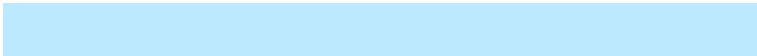
0.6244, 0.5466, 0.4042

Inverse Universe

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



46.9968, 0.2799, 0.3103



76.4784, 0.2723, 0.3054



38.7037, 0.2779, 0.2812



11.4612, 0.2984, 0.3213



13.7851, 0.1944, 0.2197



0.7806, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 44.3912, 0.3518, 0.3470 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 44.3912, 0.3518, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

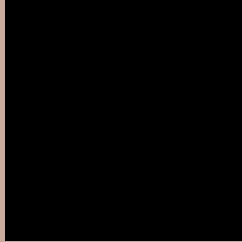
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3912, 0.3518, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 44.3912, 0.3518, 0.3470.



This preview shows how white text looks on a background with the Yxy color 44.3912, 0.3518, 0.3470.

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

44.3912, 0.3518, 0.3470

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.1510, 0.3530, 0.3456



Tritanopia

44.5907, 0.3336, 0.3130

Trichromacy



Original Color

44.3912, 0.3518, 0.3470

Protanomaly

44.2744, 0.3399, 0.3487

Deuteranomaly

44.1510, 0.3530, 0.3456

Tritanomaly

44.4631, 0.3406, 0.3253

Monochromacy



Original Color

44.3912, 0.3518, 0.3470

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5557, 0.3267, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3912, 0.3518, 0.3470 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(201, 172, 158)` looks like.

```
.text, #text, p{  
    color:rgb(201, 172, 158)  
}
```

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(201, 172, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 172, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.3912, 0.3518, 0.3470 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(201, 172, 158) }
```

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

```
.border{ border-color:rgb(201, 172, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 172, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 172, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 172, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 172,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3912, 0.3518, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 172, 158) }
```

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

```
.background{ background-color: rgb(201,  
172, 158) }
```

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