

Converting Colors

$Yxy(43.9986, 0.3497, 0.3465)$

Have a look what the booklet for
Yxy(43.9986, 0.3497, 0.3465)
contains.

Yxy(44.1158, 0.3499, 0.3471)	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(44.1158, 0.3499, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC9E
RGB	199, 172, 158
RGB Percent	78%, 67%, 62%
CMY	0.2197, 0.3254, 0.3805
CMYK	0.00, 0.14, 0.21, 0.22
HSL	21°, 27%, 70%
HSV	21°, 21%, 78%
XYZ	44.4717, 44.1158, 38.5108
YIQ	178.4770, 20.5860, 1.3700

Conversions

Conversions Part 2

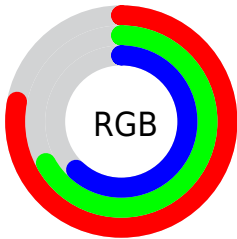
Format	Color
R _Y B	199, 179, 158
Decimal	13085854
CIE Lab	72.31, 7.54, 10.81
CIE LCh	72, 13.180, 55.115
Yxy	44.1158, 0.3499, 0.3471
Android (android.graphics.Color)	4291275934 (0xFFC7AC9E)
YUV	178.4770, -10.0952, 17.9987
Hunter-Lab	66.4197, 3.2811, 12.1169

Details

The Yxy color $44.1158, 0.3499, 0.3471$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.0656, 0.2811, 0.3102$, and the grayscale version is $44.8325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0023, 0.3420, 0.3432$, and $20.5142, 0.3609, 0.3517$ is the 20% darker color. If you saturate the color by 10%, you get $38.7478, 0.3728, 0.3565$, and if you desaturate by 10%, it is $50.0893, 0.3303, 0.3380$.

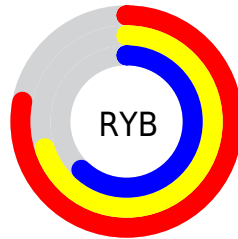
Distribution



Red (78%)

Green (67%)

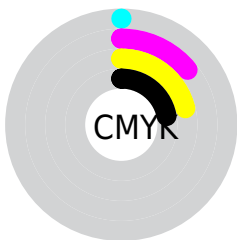
Blue (62%)



Red (78%)

Yellow (70%)

Blue (62%)

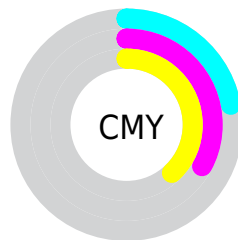


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1158, 0.3499, 0.3471 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 44.1158, 0.3499, 0.3471 by changing the saturation by 10% instead.


 44.1158, 0.3499,
0.3471

 44.1158, 0.3499,
0.3471


363.1806, 0.3310,
0.3382

 30.7616, 0.3547,
0.3493


 81.3920, 0.3430,
0.3439

 20.4173, 0.3609,
0.3520


 106.0827, 0.3404,
0.3427

 12.6988, 0.3693,
0.3556


135.3210, 0.3382,
0.3417

 7.2215, 0.3811,
0.3604

169.4913, 0.3364,
0.3408

 3.6010, 0.3990,
0.3672

208.9781, 0.3348,
0.3400

 1.4530, 0.4312,
0.3790

254.1656, 0.3333,

 0.2553, 0.6257,

0.3393

0.3743

305.4383, 0.3321,
0.3388

0.0000, 0.0000,
0.0000

44.1158, 0.3499,
0.3471

44.1158, 0.3499,
0.3471

38.7478, 0.3728,
0.3565

50.0893, 0.3303,
0.3380

33.9600, 0.3994,
0.3658

56.6810, 0.3136,
0.3295

29.7338, 0.4296,
0.3744

63.9104, 0.2995,
0.3216

26.0474, 0.4628,
0.3813

71.7945, 0.2875,
0.3143

22.8772, 0.4977,
0.3855

80.1893, 0.2786,
0.3102

■ 20.1980, 0.5320,
0.3856

■ 88.0658, 0.2796,
0.3242

■ 17.9816, 0.5625,
0.3808

■ 90.8792, 0.2800,
0.3289

■ 16.2861, 0.5863,
0.3727

Harmonies

Analogous

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



44.1158, 0.3457, 0.3316



44.1158, 0.3499, 0.3471



44.1158, 0.3437, 0.3585

Triad

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



44.1158, 0.3499, 0.3471



44.1158, 0.2929, 0.3424



44.1158, 0.2957, 0.2978

Complementary

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



44.1158, 0.3499, 0.3471



46.0656, 0.2811, 0.3102

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.



44.1158, 0.2823, 0.2996



44.1158, 0.3499, 0.3471



44.1158, 0.2807, 0.3250

Square

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



44.1158, 0.3499, 0.3471



44.1158, 0.3106, 0.3563



44.1158, 0.2769, 0.3093



44.1158, 0.3140, 0.3037

Rectangle

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



44.1158, 0.3499, 0.3471



44.1158, 0.3348, 0.3619



44.1158, 0.2769, 0.3093



44.1158, 0.2905, 0.2975

Sweetspot

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



44.1178, 0.3499, 0.3471



92.8000, 0.3224, 0.3341



40.1031, 0.3273, 0.2946



19.7006, 0.3236, 0.3347



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.



44.1178, 0.3499, 0.3471



72.6562, 0.3604, 0.3516



52.3706, 0.3450, 0.3718



11.2206, 0.3281, 0.3370



10.6223, 0.5838, 0.3746



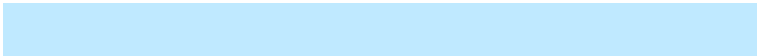
0.6380, 0.5431, 0.4070

Inverse Universe

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



46.0656, 0.2811, 0.3102



76.7087, 0.2737, 0.3053



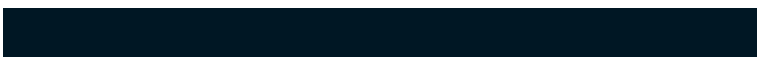
38.2337, 0.2792, 0.2822



11.4326, 0.2984, 0.3209



13.2382, 0.1928, 0.2141



0.7576, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 44.1158, 0.3499, 0.3471 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 44.1158, 0.3499, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

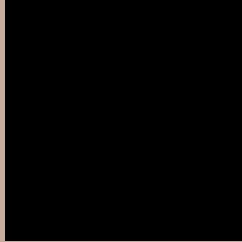
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1158, 0.3499, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 44.1158, 0.3499, 0.3471.



This preview shows how white text looks on a background with the Yxy color 44.1158, 0.3499, 0.3471.

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

44.1158, 0.3499, 0.3471

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.1510, 0.3530, 0.3456



Tritanopia

44.3099, 0.3318, 0.3129

Trichromacy



Original Color

44.1158, 0.3499, 0.3471

Protanomaly

44.1452, 0.3390, 0.3488

Deuteranomaly

44.0119, 0.3521, 0.3457

Tritanomaly

44.1841, 0.3387, 0.3253

Monochromacy



Original Color

44.1158, 0.3499, 0.3471

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4300, 0.3258, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1158, 0.3499, 0.3471 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(199, 172, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 172, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.1158, 0.3499, 0.3471 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(199, 172, 158) }
```

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

```
.border{ border-color:rgb(199, 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(199, 172, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1158, 0.3499, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 158) }
```

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

```
.background{ background-color: rgb(199,  
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](#).

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