

Converting Colors

Yxy(52.8182, 0.3493, 0.3946)

Have a look what the booklet for
Yxy(52.8182, 0.3493, 0.3946)
contains.

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Color

Yxy(52.8309, 0.3497, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	C1C490
RGB	193, 196, 144
RGB Percent	76%, 77%, 56%
CMY	0.2433, 0.2313, 0.4352
CMYK	0.02, 0.00, 0.27, 0.23
HSL	64°, 31%, 67%
HSV	64°, 27%, 77%
XYZ	46.7602, 52.8309, 34.1241
YIQ	189.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

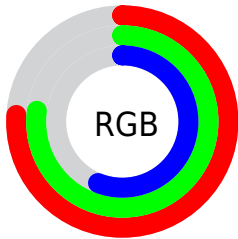
Format	Color
RYB	144, 196, 147
Decimal	12698768
CIELab	77.78, -9.49, 25.83
CIELCh	78, 27.518, 110.171
Yxy	52.8309, 0.3497, 0.3951
Android (android.graphics.Color)	4290888848 (0xFFC1C490)
YUV	189.1750, -22.2713, 3.3545
Hunter-Lab	72.6849, -12.3644, 23.0439

Details

The Yxy color **52.8309, 0.3497, 0.3951** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1468, 0.2699, 0.2544**, and the grayscale version is **51.1167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6518, 0.3436, 0.3838**, and **25.6253, 0.3593, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **52.1344, 0.3633, 0.4200**, and if you desaturate by 10%, it is **53.6374, 0.3357, 0.3698**.

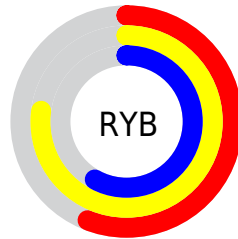
Distribution



Red (76%)

Green (77%)

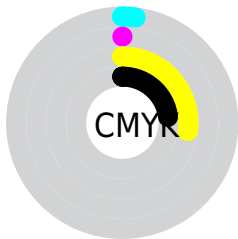
Blue (56%)



Red (56%)

Yellow (77%)

Blue (58%)

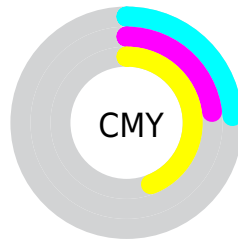


Cyan (2%)

Magenta (0%)

Yellow (27%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8309, 0.3497, 0.3951 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 52.8309, 0.3497, 0.3951 by changing the saturation by 10% instead.


 52.8309, 0.3497,
0.3951


 52.8309, 0.3497,
0.3951


397.6360, 0.3321,
0.3623

 37.6678, 0.3538,
0.4032


 94.3555, 0.3435,
0.3833

 25.7250, 0.3588,
0.4134


 121.4858, 0.3412,
0.3788

 16.6180, 0.3651,
0.4268


153.3739, 0.3391,
0.3750

 9.9625, 0.3731,
0.4450

190.4043, 0.3373,
0.3717

 5.3741, 0.3833,
0.4708

232.9613, 0.3358,
0.3689

 2.4684, 0.4059,
0.5228

281.4293, 0.3344,

 0.8607, 0.4052,

0.3664

0.5948

336.1927, 0.3332,
0.3642

0.0000, 0.0000,
0.0000

52.8309, 0.3497,
0.3951

52.8309, 0.3497,
0.3951

52.1344, 0.3633,
0.4200

53.6374, 0.3357,
0.3698

51.5353, 0.3760,
0.4436

54.5518, 0.3217,
0.3448

51.0303, 0.3872,
0.4648

55.5811, 0.3081,
0.3208

50.6128, 0.3963,
0.4828

56.7296, 0.2951,
0.2981

50.2755, 0.4030,
0.4968

58.0017, 0.2830,
0.2771

■ 50.0099, 0.4071,
0.5065

■ 58.9671, 0.2758,
0.2641

■ 49.8049, 0.4088,
0.5119

■ 59.1259, 0.2766,
0.2642

■ 49.7404, 0.4091,
0.5134

■ 59.2859, 0.2773,
0.2644

■ 59.4471, 0.2781,
0.2645

Harmonies

Analogous

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



52.8309, 0.3768, 0.3829



52.8309, 0.3497, 0.3951



52.8309, 0.3137, 0.3877

Triad

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



52.8309, 0.3497, 0.3951



52.8309, 0.2442, 0.2936



52.8309, 0.3456, 0.2993

Complementary

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



52.8309, 0.3497, 0.3951



30.1468, 0.2699, 0.2544

Split Complementary

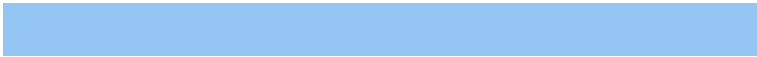
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.8309, 0.3083, 0.2783



52.8309, 0.3497, 0.3951



52.8309, 0.2513, 0.2739

Square

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



52.8309, 0.3497, 0.3951



52.8309, 0.2538, 0.3256



52.8309, 0.2741, 0.2690



52.8309, 0.3749, 0.3276

Rectangle

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



52.8309, 0.3497, 0.3951



52.8309, 0.2897, 0.3717



52.8309, 0.2741, 0.2690



52.8309, 0.3335, 0.2912

Sweetspot

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



52.8333, 0.3497, 0.3951



98.5288, 0.3239, 0.3488



34.5001, 0.3681, 0.3326



21.0333, 0.3260, 0.3525



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.



52.8333, 0.3497, 0.3951



94.9159, 0.3579, 0.4101



49.7614, 0.3280, 0.4000



11.7273, 0.3256, 0.3518



31.9684, 0.4092, 0.5133



1.3906, 0.4116, 0.5114

Inverse Universe

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



30.1468, 0.2699, 0.2544



46.7480, 0.2585, 0.2347



32.7780, 0.2933, 0.2592



9.7756, 0.2992, 0.3053



2.6217, 0.1521, 0.0612



0.1232, 0.1599, 0.0655

Previews

White Background



This preview shows how the Yxy color 52.8309, 0.3497, 0.3951 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 52.8309, 0.3497, 0.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

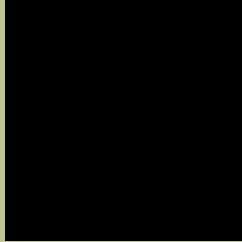
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

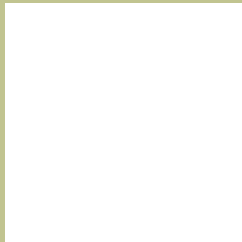
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8309, 0.3497, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 52.8309, 0.3497, 0.3951.



This preview shows how white text looks on a background with the Yxy color 52.8309, 0.3497, 0.3951.

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

52.8309, 0.3497, 0.3951

Protanopia

52.7741, 0.3639, 0.3905

Deuteranopia

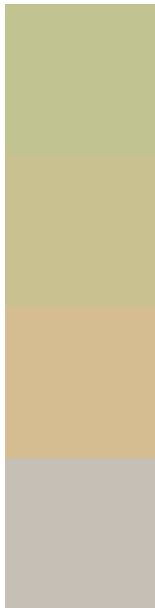
52.5251, 0.3816, 0.3733



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.8309, 0.3497, 0.3951

Protanomaly

52.5406, 0.3584, 0.3914

Deuteranomaly

52.3069, 0.3701, 0.3809

Tritanomaly

52.6448, 0.3254, 0.3401

Monochromacy



Original Color

52.8309, 0.3497, 0.3951

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6636, 0.3256, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8309, 0.3497, 0.3951 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, 196, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 144)  
}
```

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, 196, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.8309, 0.3497, 0.3951 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, 196, 144) }
```

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

```
.border{ border-color:rgb(193, 196, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8309, 0.3497, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 144) }
```

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

```
.background{ background-color: rgb(193,  
196, 144) }
```

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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