

Converting Colors

$Yxy(52.8696, 0.3686, 0.3839)$

Have a look what the booklet for
Yxy(52.8696, 0.3686, 0.3839)
contains.

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Color

Yxy(52.9867, 0.3693, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	D5BE90
RGB	213, 190, 144
RGB Percent	84%, 75%, 56%
CMY	0.1646, 0.2549, 0.4353
CMYK	0.00, 0.11, 0.32, 0.16
HSL	40°, 45%, 70%
HSV	40°, 32%, 84%
XYZ	50.8920, 52.9867, 33.9280
YIQ	191.6330, 28.4740, -9.4300

Conversions

Conversions Part 2

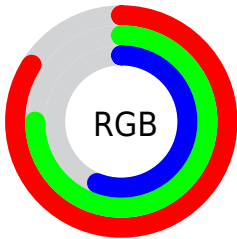
Format	Color
R_{YB}	179, 213, 144
Decimal	14007952
CIE Lab	77.87, 1.41, 26.25
CIE LCh	78, 26.287, 86.917
Yxy	52.9867, 0.3693, 0.3845
Android (android.graphics.Color)	4292198032 (0xFFD5BE90)
YUV	191.6330, -23.4831, 18.7389
Hunter-Lab	72.7920, -2.5888, 23.3196

Details

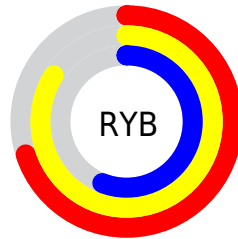
The Yxy color **52.9867, 0.3693, 0.3845** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3774, 0.2591, 0.2663**, and the grayscale version is **52.6164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2488, 0.3484, 0.3767**, and **25.8497, 0.3836, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **49.3950, 0.3897, 0.4017**, and if you desaturate by 10%, it is **56.8562, 0.3501, 0.3669**.

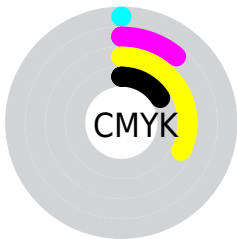
Distribution



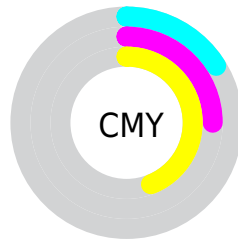
- Red (84%)
- Green (75%)
- Blue (56%)



- Red (70%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9867, 0.3693, 0.3845 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 52.9867, 0.3693, 0.3845 by changing the saturation by 10% instead.

 52.9867, 0.3693,
0.3845

 52.9867, 0.3693,
0.3845


398.2341, 0.3418,
0.3577

 37.7922, 0.3758,
0.3908


 94.5848, 0.3595,
0.3750

 25.8214, 0.3840,
0.3987


 121.7571, 0.3558,
0.3714

 16.6901, 0.3946,
0.4088


153.6909, 0.3526,
0.3683

 10.0138, 0.4084,
0.4220

190.7704, 0.3498,
0.3656

 5.4081, 0.4272,
0.4396

233.3800, 0.3474,
0.3632

 2.4886, 0.4645,
0.4748

281.9043, 0.3453,

 0.8709, 0.4976,

0.3612

0.5024

336.7275, 0.3435,
0.3593

0.0000, 0.0000,
0.0000

52.9867, 0.3693,
0.3845

52.9867, 0.3693,
0.3845

49.3950, 0.3897,
0.4017

56.8562, 0.3501,
0.3669

46.0647, 0.4108,
0.4177

61.0047, 0.3324,
0.3495

42.9886, 0.4318,
0.4314


65.4426, 0.3163,
0.3329

40.1558, 0.4518,
0.4416

70.1774, 0.3019,
0.3171


37.5544, 0.4697,
0.4474

75.2163, 0.2889,
0.3025


 35.1702, 0.4846,
0.4481

 79.4360, 0.2867,
0.3055

 33.4874, 0.4941,
0.4458

 83.5315, 0.2870,
0.3131

 87.7907, 0.2874,
0.3205

 92.2154, 0.2877,
0.3278

Harmonies

Analogous

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



52.9867, 0.3827, 0.3627



52.9867, 0.3693, 0.3845



52.9867, 0.3408, 0.3922

Triad

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



52.9867, 0.3693, 0.3845



52.9867, 0.2529, 0.3183



52.9867, 0.3166, 0.2842

Complementary

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



52.9867, 0.3693, 0.3845



38.3774, 0.2591, 0.2663

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.



52.9867, 0.2825, 0.2724



52.9867, 0.3693, 0.3845



52.9867, 0.2472, 0.2899

Square

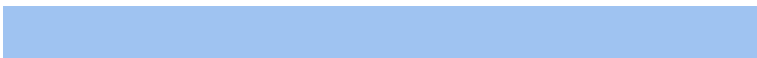
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.9867, 0.3693, 0.3845



52.9867, 0.2739, 0.3524



52.9867, 0.2577, 0.2740



52.9867, 0.3515, 0.3062

Rectangle

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



52.9867, 0.3693, 0.3845



52.9867, 0.3176, 0.3866



52.9867, 0.2577, 0.2740



52.9867, 0.3047, 0.2789

Sweetspot

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



52.9891, 0.3693, 0.3845



93.1583, 0.3286, 0.3456



36.9271, 0.3608, 0.2994



19.7416, 0.3309, 0.3480



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.



52.9891, 0.3693, 0.3845



75.7981, 0.3835, 0.3966



62.2620, 0.3529, 0.4117



13.7896, 0.3275, 0.3445



20.6460, 0.4928, 0.4469



1.3946, 0.4770, 0.4595

Inverse Universe

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



38.3774, 0.2591, 0.2663



50.5174, 0.2465, 0.2500



31.6544, 0.2635, 0.2358



12.6787, 0.2982, 0.3130



5.8590, 0.1636, 0.1089



0.5035, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 52.9867, 0.3693, 0.3845 looks on a white background.

Color Contrast Check

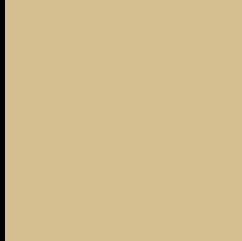
Large Text (above 18pt) WCAG AA × Fail

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 52.9867, 0.3693, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

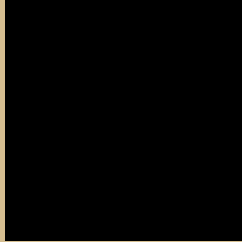
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9867, 0.3693, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 52.9867, 0.3693, 0.3845.



This preview shows how white text looks on a background with the Yxy color 52.9867, 0.3693, 0.3845.

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

52.9867, 0.3693, 0.3845

Protanopia

52.8654, 0.3616, 0.3868

Deuteranopia

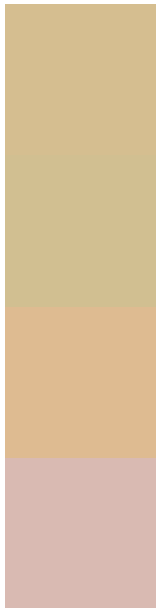
53.0732, 0.3829, 0.3754



Tritanopia

52.9583, 0.3322, 0.3129

Trichromacy



Original Color

52.9867, 0.3693, 0.3845

Protanomaly

52.8612, 0.3646, 0.3851

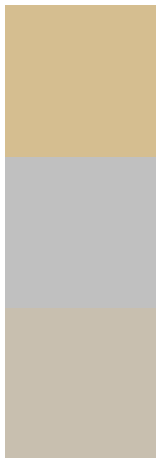
Deuteranomaly

53.1146, 0.3776, 0.3784

Tritanomaly

53.0839, 0.3457, 0.3385

Monochromacy



Original Color

52.9867, 0.3693, 0.3845

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6361, 0.3326, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9867, 0.3693, 0.3845 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(213, 190, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 190, 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(213, 190, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 190, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.9867, 0.3693, 0.3845 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(213, 190, 144) }
```

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

```
.border{ border-color:rgb(213, 190, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 190, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 190, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 190, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 190,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9867, 0.3693, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 190, 144) }
```

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

```
.background{ background-color: rgb(213,  
190, 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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