

Converting Colors

Yxy(51.7938, 0.3399, 0.3602)

Have a look what the booklet for
Yxy(51.7938, 0.3399, 0.3602)
contains.

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Color

Yxy(51.6856, 0.3399, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	C7BEA5
RGB	199, 190, 165
RGB Percent	78%, 75%, 65%
CMY	0.2196, 0.2549, 0.3529
CMYK	0.00, 0.05, 0.17, 0.22
HSL	44°, 23%, 71%
HSV	44°, 17%, 78%
XYZ	48.7592, 51.6856, 43.0068
YIQ	189.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

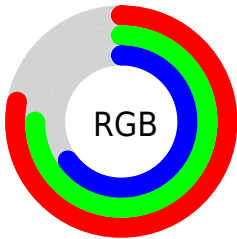
Format	Color
R_{YB}	177, 199, 165
Decimal	13090469
CIE _{Lab}	77.09, -1.00, 13.76
CIE _{LCh}	77, 13.798, 94.157
Yxy	51.6856, 0.3399, 0.3603
Android (android.graphics.Color)	4291280549 (0xFFC7BEA5)
YUV	189.8410, -12.2466, 8.0324
Hunter-Lab	71.8927, -4.7496, 14.8571

Details

The Yxy color **51.6856, 0.3399, 0.3603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3990, 0.2856, 0.2956**, and the grayscale version is **51.4639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3388, 0.3345, 0.3546**, and **25.1033, 0.3475, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **48.7774, 0.3575, 0.3794**, and if you desaturate by 10%, it is **54.7937, 0.3235, 0.3417**.

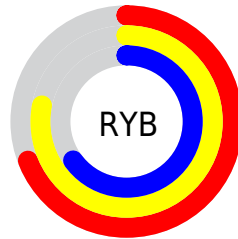
Distribution



Red (78%)

Green (75%)

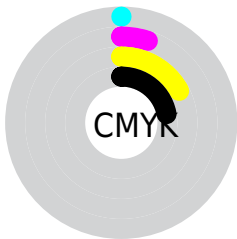
Blue (65%)



Red (69%)

Yellow (78%)

Blue (65%)

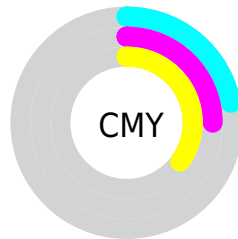


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6856, 0.3399, 0.3603 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 51.6856, 0.3399, 0.3603 by changing the saturation by 10% instead.


 51.6856, 0.3399,
0.3603


 51.6856, 0.3399,
0.3603


393.2216, 0.3266,
0.3449

 36.7545, 0.3431,
0.3641


 92.6674, 0.3351,
0.3548

 25.0175, 0.3473,
0.3689


 119.4869, 0.3333,
0.3527

 16.0901, 0.3526,
0.3751


151.0381, 0.3318,
0.3509

 9.5879, 0.3600,
0.3837

187.7052, 0.3304,
0.3494

 5.1266, 0.3705,
0.3962

229.8727, 0.3293,
0.3480

 2.3217, 0.3867,
0.4156

277.9250, 0.3283,

 0.7852, 0.4790,

0.3469

0.5210

332.2466, 0.3274,
0.3458

0.0000, 0.0000,
0.0000

51.6856, 0.3399,
0.3603

51.6856, 0.3399,
0.3603

48.7774, 0.3575,
0.3794

54.7937, 0.3235,
0.3417

46.0561, 0.3761,
0.3984

58.1004, 0.3085,
0.3239

43.5175, 0.3952,
0.4165

61.6136, 0.2948,
0.3072

41.1547, 0.4142,
0.4328

65.3383, 0.2826,
0.2917

38.9599, 0.4322,
0.4462

68.6517, 0.2769,
0.2869

■ 36.9247, 0.4485,
0.4558

■ 71.4004, 0.2773,
0.2928

■ 35.0390, 0.4621,
0.4607

■ 74.2366, 0.2777,
0.2986

■ 33.2899, 0.4728,
0.4609

■ 77.1609, 0.2782,
0.3044

■ 32.7988, 0.4757,
0.4605

■ 80.1742, 0.2786,
0.3102

Harmonies

Analogous

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



51.6856, 0.3488, 0.3510



51.6856, 0.3399, 0.3603



51.6856, 0.3237, 0.3611

Triad

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



51.6856, 0.3399, 0.3603



51.6856, 0.2788, 0.3199



51.6856, 0.3197, 0.3070

Complementary

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



51.6856, 0.3399, 0.3603



42.3990, 0.2856, 0.2956

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.



51.6856, 0.3009, 0.2990



51.6856, 0.3399, 0.3603



51.6856, 0.2778, 0.3058

Square

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



51.6856, 0.3399, 0.3603



51.6856, 0.2887, 0.3372



51.6856, 0.2857, 0.2984



51.6856, 0.3370, 0.3205

Rectangle

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



51.6856, 0.3399, 0.3603



51.6856, 0.3112, 0.3564



51.6856, 0.2857, 0.2984



51.6856, 0.3134, 0.3036

Sweetspot

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



51.6879, 0.3399, 0.3603



97.0711, 0.3204, 0.3380



42.1146, 0.3367, 0.3175



20.6907, 0.3215, 0.3393



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.



51.6879, 0.3399, 0.3603



88.8256, 0.3454, 0.3664



54.6510, 0.3315, 0.3719



11.9235, 0.3272, 0.3459



21.2392, 0.4747, 0.4612



1.1195, 0.4608, 0.4724

Inverse Universe

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



42.3990, 0.2856, 0.2956



69.9422, 0.2801, 0.2886



39.9142, 0.2918, 0.2841



10.7366, 0.2983, 0.3115



4.3943, 0.1593, 0.0933



0.3307, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 51.6856, 0.3399, 0.3603 looks on a white background.

Color Contrast Check

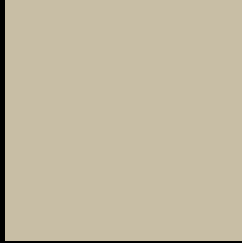
Large Text (above 18pt) WCAG AA × Fail

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 51.6856, 0.3399, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

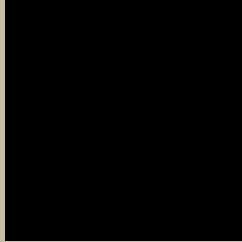
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

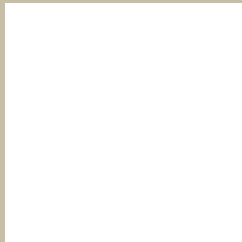
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6856, 0.3399, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 51.6856, 0.3399, 0.3603.



This preview shows how white text looks on a background with the Yxy color 51.6856, 0.3399, 0.3603.

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

51.6856, 0.3399, 0.3603

Protanopia

51.8229, 0.3408, 0.3602

Deuteranopia

51.3719, 0.3566, 0.3494



Tritanopia

51.7054, 0.3169, 0.3110

Trichromacy



Original Color

51.6856, 0.3399, 0.3603

Protanomaly

51.8229, 0.3408, 0.3602

Deuteranomaly

51.5726, 0.3496, 0.3534

Tritanomaly

51.6851, 0.3253, 0.3290

Monochromacy



Original Color

51.6856, 0.3399, 0.3603

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5006, 0.3221, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6856, 0.3399, 0.3603 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, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 165)  
}
```

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, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 165) }
```

Border

The CSS property to change the border of an element to Yxy 51.6856, 0.3399, 0.3603 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, 190, 165) }
```

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

```
.border{ border-color:rgb(199, 190, 165) }
```

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

Here you see how a box with a 4 pixel rgb(199, 190, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6856, 0.3399, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 165) }
```

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

```
.background{ background-color: rgb(199,  
190, 165) }
```

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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