

Converting Colors

$Yxy(60.2092, 0.3385, 0.3803)$

Have a look what the booklet for
Yxy(60.2092, 0.3385, 0.3803)
contains.

Yxy(60.3849, 0.3388, 0.3809)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3849, 0.3388, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0A5
RGB	202, 208, 165
RGB Percent	79%, 82%, 65%
CMY	0.2078, 0.1843, 0.3528
CMYK	0.03, 0.00, 0.21, 0.18
HSL	68°, 31%, 73%
HSV	68°, 21%, 82%
XYZ	53.7107, 60.3849, 44.4366
YIQ	201.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

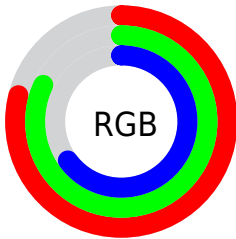
Format	Color
RYB	165, 208, 171
Decimal	13291685
CIELab	82.05, -9.24, 20.70
CIELCh	82, 22.665, 114.062
Yxy	60.3849, 0.3388, 0.3809
Android (android.graphics.Color)	4291481765 (0xFFCAD0A5)
YUV	201.3040, -17.8979, 0.6104
Hunter-Lab	77.7077, -12.6113, 20.4909

Details

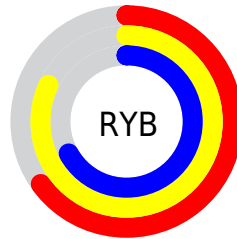
The Yxy color **60.3849, 0.3388, 0.3809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1349, 0.2833, 0.2730**, and the grayscale version is **58.7199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **30.5994, 0.3453, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **59.2906, 0.3513, 0.4069**, and if you desaturate by 10%, it is **61.6153, 0.3261, 0.3553**.

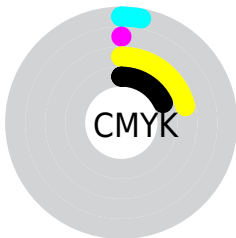
Distribution



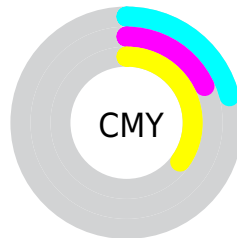
- Red (79%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3849, 0.3388, 0.3809 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 60.3849, 0.3388, 0.3809 by changing the saturation by 10% instead.

 60.3849, 0.3388,
0.3809


 60.3849, 0.3388,
0.3809


426.0151, 0.3266,
0.3557

 43.7289, 0.3416,
0.3870

 105.3878, 0.3346,
0.3719

 30.4575, 0.3450,
0.3946


 134.5036, 0.3329,
0.3685

 20.1861, 0.3493,
0.4046

168.5414, 0.3315,
0.3655

 12.5304, 0.3549,
0.4180

207.8856, 0.3303,
0.3630

 7.1060, 0.3622,
0.4370

252.9207, 0.3292,
0.3608

 3.5285, 0.3718,
0.4656

304.0311, 0.3282,

 1.4135, 0.4273,

0.3589

0.5706

361.6010, 0.3274,
0.3572

0.2266, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3849, 0.3388,
0.3809

60.3849, 0.3388,
0.3809

59.2906, 0.3513,
0.4069

61.6153, 0.3261,
0.3553

58.3184, 0.3632,
0.4324

62.9794, 0.3135,
0.3306

57.4645, 0.3739,
0.4565

64.4851, 0.3015,
0.3073

56.7217, 0.3828,
0.4781

66.1373, 0.2900,
0.2857

■ 56.0823, 0.3895,
0.4962

■ 67.0038, 0.2878,
0.2792

■ 55.5371, 0.3937,
0.5100

■ 67.4497, 0.2898,
0.2795

■ 55.0755, 0.3952,
0.5194

■ 67.9035, 0.2918,
0.2798

■ 54.7015, 0.3948,
0.5247

■ 68.3651, 0.2938,
0.2801

■ 68.8345, 0.2958,
0.2804

Harmonies

Analogous

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



60.3849, 0.3612, 0.3738



60.3849, 0.3388, 0.3809



60.3849, 0.3100, 0.3727

Triad

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



60.3849, 0.3388, 0.3809



60.3849, 0.2580, 0.2988



60.3849, 0.3423, 0.3081

Complementary

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



60.3849, 0.3388, 0.3809



40.1349, 0.2833, 0.2730

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.



60.3849, 0.3133, 0.2902



60.3849, 0.3388, 0.3809



60.3849, 0.2656, 0.2841

Square

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



60.3849, 0.3388, 0.3809



60.3849, 0.2642, 0.3231



60.3849, 0.2854, 0.2814



60.3849, 0.3636, 0.3315

Rectangle

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



60.3849, 0.3388, 0.3809



60.3849, 0.2913, 0.3592



60.3849, 0.2854, 0.2814



60.3849, 0.3330, 0.3013

Sweetspot

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



60.3876, 0.3388, 0.3809



98.6520, 0.3203, 0.3438



45.1630, 0.3523, 0.3362



21.0852, 0.3211, 0.3454



0.0000, 0.0000, 0.0000



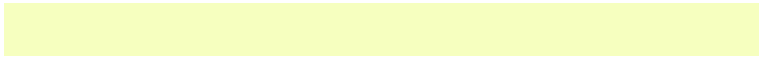
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3876, 0.3388, 0.3809



94.9092, 0.3447, 0.3930



57.6261, 0.3220, 0.3837



13.7108, 0.3245, 0.3521



34.1256, 0.3952, 0.5244



1.9316, 0.3999, 0.5207

Inverse Universe

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



40.1349, 0.2833, 0.2730



56.8864, 0.2756, 0.2587



42.7142, 0.3013, 0.2759



11.4954, 0.3003, 0.3051



3.0254, 0.1558, 0.0632



0.1953, 0.1698, 0.0709

Previews

White Background



This preview shows how the Yxy color 60.3849, 0.3388, 0.3809 looks on a white background.

Color Contrast Check

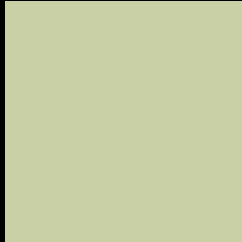
Large Text (above 18pt) WCAG AA × Fail

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 60.3849, 0.3388, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

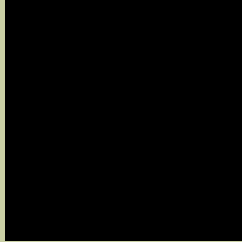
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3849, 0.3388, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 60.3849, 0.3388, 0.3809.



This preview shows how white text looks on a background with the Yxy color 60.3849, 0.3388, 0.3809.

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

60.3849, 0.3388, 0.3809

Protanopia

60.5818, 0.3535, 0.3769

Deuteranopia

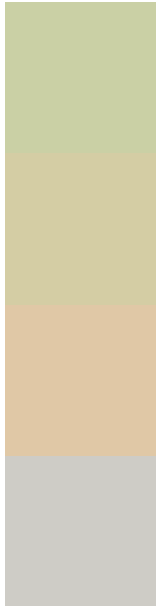
60.1027, 0.3686, 0.3613



Tritanopia

60.3384, 0.3075, 0.3107

Trichromacy



Original Color

60.3849, 0.3388, 0.3809

Protanomaly

60.3400, 0.3483, 0.3775

Deuteranomaly

59.9090, 0.3581, 0.3681

Tritanomaly

60.3848, 0.3185, 0.3361

Monochromacy



Original Color

60.3849, 0.3388, 0.3809

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2341, 0.3219, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3849, 0.3388, 0.3809 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(202, 208, 165)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 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(202, 208, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 165) }
```

Border

The CSS property to change the border of an element to Yxy 60.3849, 0.3388, 0.3809 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(202, 208, 165) }
```

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

```
.border{ border-color:rgb(202, 208, 165) }
```

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

Here you see how a box with a 4 pixel rgb(202, 208, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 165);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3849, 0.3388, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 165) }
```

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

```
.background{ background-color: rgb(202,  
208, 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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