

Converting Colors

Yxy(52.4807, 0.3539, 0.3870)

Have a look what the booklet for
Yxy(52.4807, 0.3539, 0.3870)
contains.

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Color

Yxy(52.3886, 0.3535, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	C7C193
RGB	199, 193, 147
RGB Percent	78%, 76%, 58%
CMY	0.2196, 0.2431, 0.4235
CMYK	0.00, 0.03, 0.26, 0.22
HSL	53°, 32%, 68%
HSV	53°, 26%, 78%
XYZ	47.8908, 52.3886, 35.1967
YIQ	189.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

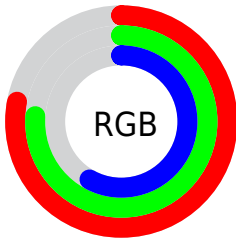
Format	Color
RYB	154, 199, 147
Decimal	13091219
CIELab	77.51, -5.20, 23.97
CIELCh	78, 24.527, 102.244
Yxy	52.3886, 0.3535, 0.3867
Android (android.graphics.Color)	4291281299 (0xFFC7C193)
YUV	189.5500, -20.9772, 8.2876
Hunter-Lab	72.3800, -8.5590, 21.8346

Details

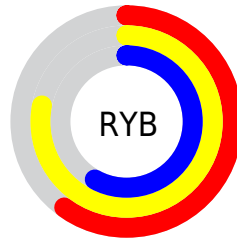
The Yxy color **52.3886, 0.3535, 0.3867** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1147, 0.2688, 0.2639**, and the grayscale version is **51.3371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2284, 0.3459, 0.3765**, and **25.6204, 0.3644, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **50.8117, 0.3698, 0.4089**, and if you desaturate by 10%, it is **54.0940, 0.3374, 0.3642**.

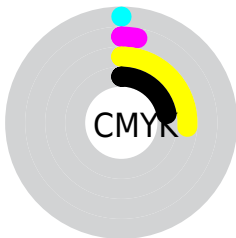
Distribution



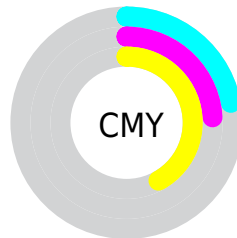
- Red (78%)
- Green (76%)
- Blue (58%)



- Red (60%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (22%)




- Cyan (22%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3886, 0.3535, 0.3867 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 52.3886, 0.3535, 0.3867 by changing the saturation by 10% instead.


 52.3886, 0.3535,
0.3867

 52.3886, 0.3535,
0.3867


395.9350, 0.3338,
0.3582

 37.3149, 0.3582,
0.3936


 93.7041, 0.3465,
0.3765

 25.4514, 0.3640,
0.4024


 120.7147, 0.3439,
0.3726

 16.4137, 0.3714,
0.4139


152.4730, 0.3416,
0.3693

 9.8174, 0.3811,
0.4293

189.3635, 0.3396,
0.3665

 5.2780, 0.3941,
0.4511

231.7706, 0.3379,
0.3640

 2.4113, 0.4190,
0.4921

280.0786, 0.3364,

 0.8317, 0.4438,

0.3618

0.5562

334.6719, 0.3350,
0.3599

0.0000, 0.0000,
0.0000

52.3886, 0.3535,
0.3867

52.3886, 0.3535,
0.3867

50.8117, 0.3698,
0.4089

54.0940, 0.3374,
0.3642

49.3507, 0.3858,
0.4299

55.9261, 0.3218,
0.3421

48.0018, 0.4008,
0.4488

57.8922, 0.3071,
0.3209

46.7582, 0.4142,
0.4646

59.9969, 0.2935,
0.3009

45.6123, 0.4253,
0.4765

62.2446, 0.2810,
0.2822

■ 44.5552, 0.4337,
0.4840

■ 63.8822, 0.2761,
0.2762

■ 43.5758, 0.4394,
0.4872

■ 65.0015, 0.2763,
0.2788

■ 43.2086, 0.4413,
0.4878

■ 66.1370, 0.2765,
0.2813

■ 67.2888, 0.2767,
0.2839

Harmonies

Analogous

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



52.3886, 0.3740, 0.3724



52.3886, 0.3535, 0.3867



52.3886, 0.3226, 0.3847

Triad

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



52.3886, 0.3535, 0.3867



52.3886, 0.2519, 0.3043



52.3886, 0.3337, 0.2965

Complementary

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



52.3886, 0.3535, 0.3867



33.1147, 0.2688, 0.2639

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.



52.3886, 0.3001, 0.2800



52.3886, 0.3535, 0.3867



52.3886, 0.2544, 0.2831

Square

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



52.3886, 0.3535, 0.3867



52.3886, 0.2646, 0.3346



52.3886, 0.2715, 0.2749



52.3886, 0.3626, 0.3208

Rectangle

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



52.3886, 0.3535, 0.3867



52.3886, 0.3006, 0.3733



52.3886, 0.2715, 0.2749



52.3886, 0.3225, 0.2899

Sweetspot

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



52.3910, 0.3535, 0.3867



97.2623, 0.3249, 0.3465



35.3168, 0.3615, 0.3212



20.7116, 0.3272, 0.3498



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.



52.3910, 0.3535, 0.3867



90.2302, 0.3622, 0.3986



52.5475, 0.3349, 0.3973



12.1999, 0.3268, 0.3493



27.8659, 0.4409, 0.4881



1.3803, 0.4358, 0.4921

Inverse Universe

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



33.1147, 0.2688, 0.2639



51.1722, 0.2586, 0.2482



33.2047, 0.2856, 0.2586



10.4813, 0.2983, 0.3079



3.1116, 0.1526, 0.0692



0.2150, 0.1600, 0.0959

Previews

White Background



This preview shows how the Yxy color 52.3886, 0.3535, 0.3867 looks on a white background.

Color Contrast Check

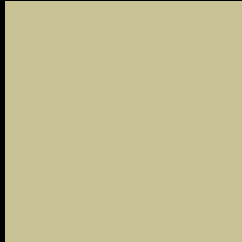
Large Text (above 18pt) WCAG AA × Fail

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 52.3886, 0.3535, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

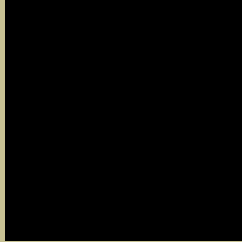
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

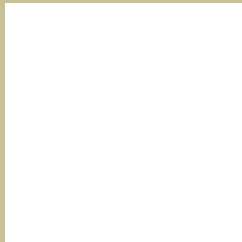
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3886, 0.3535, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 52.3886, 0.3535, 0.3867.



This preview shows how white text looks on a background with the Yxy color 52.3886, 0.3535, 0.3867.

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

52.3886, 0.3535, 0.3867

Protanopia

52.3161, 0.3602, 0.3846

Deuteranopia

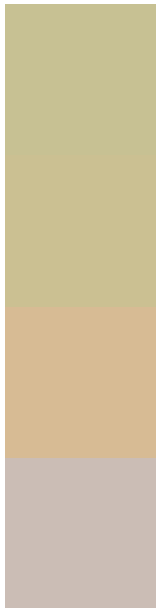
52.2982, 0.3772, 0.3701



Tritanopia

52.4098, 0.3185, 0.3124

Trichromacy



Original Color

52.3886, 0.3535, 0.3867

Protanomaly

52.4711, 0.3581, 0.3861

Deuteranomaly

52.1258, 0.3688, 0.3760

Tritanomaly

52.4279, 0.3307, 0.3388

Monochromacy



Original Color

52.3886, 0.3535, 0.3867

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6551, 0.3275, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3886, 0.3535, 0.3867 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, 193, 147)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 147)  
}
```

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, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 147) }
```

Border

The CSS property to change the border of an element to Yxy 52.3886, 0.3535, 0.3867 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, 193, 147) }
```

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

```
.border{ border-color:rgb(199, 193, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3886, 0.3535, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 147) }
```

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

```
.background{ background-color: rgb(199,  
193, 147) }
```

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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