

Converting Colors

$Yxy(45.2807, 0.3806, 0.3937)$

Have a look what the booklet for
Yxy(45.2807, 0.3806, 0.3937)
contains.

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Color

Yxy(45.0879, 0.3807, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	CAB07D
RGB	202, 176, 125
RGB Percent	79%, 69%, 49%
CMY	0.2080, 0.3097, 0.5099
CMYK	0.00, 0.13, 0.38, 0.21
HSL	40°, 42%, 64%
HSV	40°, 38%, 79%
XYZ	43.5770, 45.0879, 25.8005
YIQ	177.9600, 31.8670, -10.3490

Conversions

Conversions Part 2

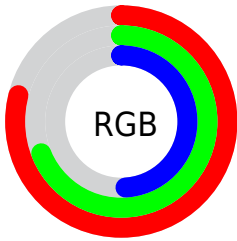
Format	Color
RYB	164, 202, 125
Decimal	13283453
CIELab	72.95, 2.14, 29.60
CIELCh	73, 29.677, 85.861
Yxy	45.0879, 0.3807, 0.3939
Android (android.graphics.Color)	4291473533 (0xFFCAB07D)
YUV	177.9600, -26.1093, 21.0831
Hunter-Lab	67.1475, -1.6664, 24.2219

Details

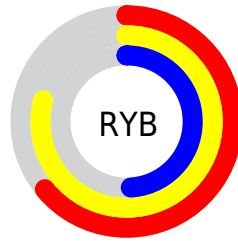
The Yxy color **45.0879, 0.3807, 0.3939** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7325, 0.2491, 0.2538**, and the grayscale version is **44.6253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6262, 0.3651, 0.3828**, and **21.1263, 0.3999, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **42.0217, 0.4016, 0.4104**, and if you desaturate by 10%, it is **48.3972, 0.3608, 0.3766**.

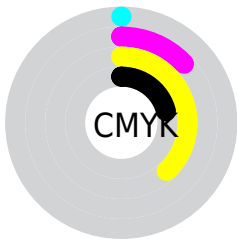
Distribution



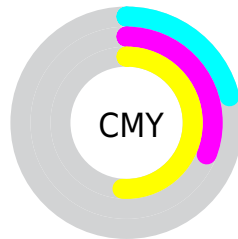
- Red (79%)
- Green (69%)
- Blue (49%)



- Red (64%)
- Yellow (79%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (21%)




- Cyan (21%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0879, 0.3807, 0.3939 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 45.0879, 0.3807, 0.3939 by changing the saturation by 10% instead.


 45.0879, 0.3807,
0.3939

 45.0879, 0.3807,
0.3939


367.1294, 0.3469,
0.3619

 31.5267, 0.3889,
0.4016


 82.8523, 0.3685,
0.3825

 21.0002, 0.3993,
0.4111

 107.8243, 0.3639,
0.3781

 13.1242, 0.4126,
0.4233


 137.3686, 0.3600,
0.3744

 7.5141, 0.4301,
0.4390

171.8697, 0.3566,
0.3712

 3.7856, 0.4547,
0.4605

211.7119, 0.3537,
0.3684

 1.5544, 0.5001,
0.4999

257.2797, 0.3512,

 0.3266, 0.5262,

0.3660

0.4738

308.9574, 0.3489,
0.3639

0.0000, 0.0000,
0.0000

45.0879, 0.3807,
0.3939

45.0879, 0.3807,
0.3939

42.0217, 0.4016,
0.4104

48.3972, 0.3608,
0.3766

39.1839, 0.4228,
0.4251

51.9510, 0.3423,
0.3591

36.5675, 0.4434,
0.4370

55.7588, 0.3253,
0.3422

34.1625, 0.4625,
0.4448

59.8273, 0.3100,
0.3260

31.9574, 0.4790,
0.4478

64.1633, 0.2962,
0.3109

■ 29.9357, 0.4924,
0.4459

■ 68.7729, 0.2839,
0.2968

■ 29.5718, 0.4948,
0.4453

■ 72.9088, 0.2793,
0.2953

■ 76.6350, 0.2798,
0.3027

■ 80.5092, 0.2803,
0.3101

Harmonies

Analogous

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



45.0879, 0.3963, 0.3670



45.0879, 0.3807, 0.3939



45.0879, 0.3470, 0.4047

Triad

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



45.0879, 0.3807, 0.3939



45.0879, 0.2427, 0.3171



45.0879, 0.3156, 0.2756

Complementary

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



45.0879, 0.3807, 0.3939



30.7325, 0.2491, 0.2538

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.



45.0879, 0.2754, 0.2623



45.0879, 0.3807, 0.3939



45.0879, 0.2355, 0.2831

Square

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



45.0879, 0.3807, 0.3939



45.0879, 0.2676, 0.3583



45.0879, 0.2470, 0.2643



45.0879, 0.3575, 0.3009

Rectangle

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



45.0879, 0.3807, 0.3939



45.0879, 0.3195, 0.3990



45.0879, 0.2470, 0.2643



45.0879, 0.3014, 0.2696

Sweetspot

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



45.0900, 0.3807, 0.3939



92.4382, 0.3303, 0.3473



29.4789, 0.3726, 0.2942



19.5942, 0.3326, 0.3496



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.



45.0900, 0.3807, 0.3939



71.9216, 0.3984, 0.4080



54.7086, 0.3595, 0.4261



12.4348, 0.3274, 0.3443



19.2055, 0.4935, 0.4463



1.1274, 0.4755, 0.4606

Inverse Universe

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



30.7325, 0.2491, 0.2538



44.1370, 0.2339, 0.2333



24.2033, 0.2532, 0.2171



11.4517, 0.2983, 0.3132



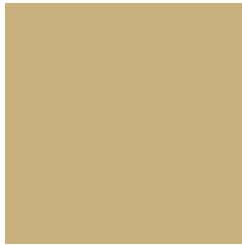
5.5600, 0.1640, 0.1103



0.4267, 0.1752, 0.1505

Previews

White Background



This preview shows how the Yxy color 45.0879, 0.3807, 0.3939 looks on a white background.

Color Contrast Check

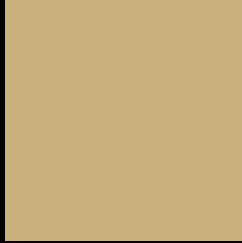
Large Text (above 18pt) WCAG AA × Fail

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 45.0879, 0.3807, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

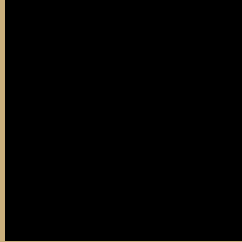
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0879, 0.3807, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 45.0879, 0.3807, 0.3939.



This preview shows how white text looks on a background with the Yxy color 45.0879, 0.3807, 0.3939.

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

45.0879, 0.3807, 0.3939

Protanopia

45.0840, 0.3700, 0.3983

Deuteranopia

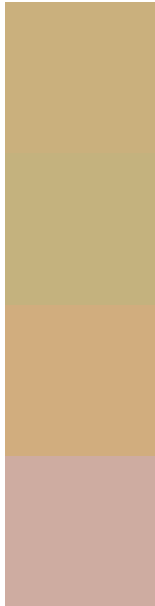
45.1575, 0.3923, 0.3855



Tritanopia

45.1632, 0.3373, 0.3132

Trichromacy



Original Color

45.0879, 0.3807, 0.3939

Protanomaly

45.0829, 0.3732, 0.3964

Deuteranomaly

44.9488, 0.3880, 0.3875

Tritanomaly

45.2001, 0.3538, 0.3429

Monochromacy



Original Color

45.0879, 0.3807, 0.3939

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5123, 0.3367, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0879, 0.3807, 0.3939 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, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(202, 176, 125)  
}
```

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, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 176, 125) }
```

Border

The CSS property to change the border of an element to Yxy 45.0879, 0.3807, 0.3939 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, 176, 125) }
```

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

```
.border{ border-color:rgb(202, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(202, 176,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0879, 0.3807, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 176, 125) }
```

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

```
.background{ background-color: rgb(202,  
176, 125) }
```

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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