

Converting Colors

$Yxy(47.0681, 0.3889, 0.4374)$

Have a look what the booklet for
Yxy(47.0681, 0.3889, 0.4374)
contains.

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Color

Yxy(47.0681, 0.3889, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	C2B963
RGB	194, 185, 99
RGB Percent	76%, 73%, 39%
CMY	0.2392, 0.2745, 0.6116
CMYK	0.00, 0.05, 0.49, 0.24
HSL	54°, 44%, 57%
HSV	54°, 49%, 76%
XYZ	41.8491, 47.0681, 18.6917
YIQ	177.8870, 32.9700, -24.8380

Conversions

Conversions Part 2

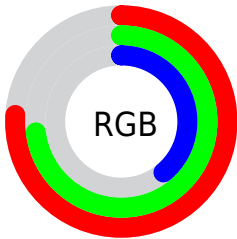
Format	Color
RYB	109, 194, 99
Decimal	12761443
CIELab	74.23, -8.56, 44.42
CIElCh	74, 45.237, 100.902
Yxy	47.0681, 0.3889, 0.4374
Android (android.graphics.Color)	4290951523 (0xFFC2B963)
YUV	177.8870, -38.8913, 14.1311
Hunter-Lab	68.6062, -11.1777, 31.8709

Details

The Yxy color **47.0681, 0.3889, 0.4374** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.2787, 0.2229, 0.1902**, and the grayscale version is **44.6566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8730, 0.3763, 0.4182**, and **22.1276, 0.4054, 0.4651** is the 20% darker color. If you saturate the color by 10%, you get **45.9793, 0.4029, 0.4558**, and if you desaturate by 10%, it is **48.2603, 0.3736, 0.4166**.

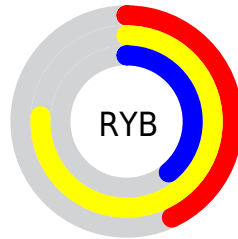
Distribution



Red (76%)

Green (73%)

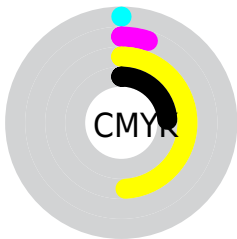
Blue (39%)



Red (43%)

Yellow (76%)

Blue (39%)

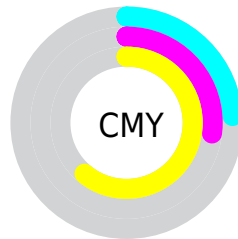


Cyan (0%)

Magenta (5%)

Yellow (49%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0681, 0.3889, 0.4374 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 47.0681, 0.3889, 0.4374 by changing the saturation by 10% instead.


 47.0681, 0.3889,
0.4374

 47.0681, 0.3889,
0.4374


375.0863, 0.3530,
0.3839


 33.0895, 0.3967,
0.4500


 85.8153, 0.3766,
0.4184


 22.1950, 0.4059,
0.4654


 111.3526, 0.3717,
0.4111

 14.0003, 0.4165,
0.4846


 141.5117, 0.3675,
0.4049

 8.1208, 0.4279,
0.5081

 176.6768, 0.3639,
0.3995

 4.1724, 0.4495,
0.5505

217.2325, 0.3606,
0.3949

 1.7704, 0.4367,
0.5633

263.5630, 0.3578,

 0.4687, 0.3355,

0.3908

0.6645

316.0528, 0.3552,
0.3871

0.0000, 0.0000,
0.0000

47.0681, 0.3889,
0.4374

47.0681, 0.3889,
0.4374

45.9793, 0.4029,
0.4558

48.2603, 0.3736,
0.4166

44.9809, 0.4151,
0.4708

49.5552, 0.3576,
0.3943

44.0676, 0.4249,
0.4818


50.9604, 0.3417,
0.3714

43.2307, 0.4319,
0.4883

52.4810, 0.3261,
0.3487


42.4555, 0.4366,
0.4910


54.1214, 0.3112,
0.3267

 42.3755, 0.4370,
0.4912

 55.8863, 0.2973,
0.3059

 57.7796, 0.2844,
0.2864

 59.8053, 0.2726,
0.2684

 60.7088, 0.2723,
0.2697

Harmonies

Analogous

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



47.0681, 0.4290, 0.4035



47.0681, 0.3889, 0.4374



47.0681, 0.3306, 0.4412

Triad

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



47.0681, 0.3889, 0.4374



47.0681, 0.2027, 0.2811



47.0681, 0.3484, 0.2681

Complementary

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



47.0681, 0.3889, 0.4374



17.2787, 0.2229, 0.1902

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.



47.0681, 0.2847, 0.2403



47.0681, 0.3889, 0.4374



47.0681, 0.2063, 0.2438

Square

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



47.0681, 0.3889, 0.4374



47.0681, 0.2248, 0.3402



47.0681, 0.2344, 0.2311



47.0681, 0.4066, 0.3092

Rectangle

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



47.0681, 0.3889, 0.4374



47.0681, 0.2898, 0.4205



47.0681, 0.2344, 0.2311



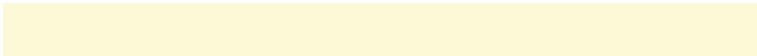
47.0681, 0.3267, 0.2571

Sweetspot

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



47.0703, 0.3889, 0.4374



93.3332, 0.3358, 0.3629



21.4925, 0.4339, 0.3167



20.3116, 0.3392, 0.3678



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.



47.0703, 0.3889, 0.4374



83.1245, 0.4042, 0.4574



46.5506, 0.3499, 0.4621



11.5901, 0.3267, 0.3497



27.9283, 0.4367, 0.4914



1.2550, 0.4324, 0.4949

Inverse Universe

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



17.2787, 0.2229, 0.1902



22.8333, 0.2010, 0.1544



18.1447, 0.2557, 0.1892



9.8979, 0.2983, 0.3075



2.9083, 0.1520, 0.0672



0.1788, 0.1587, 0.0913

Previews

White Background



This preview shows how the Yxy color 47.0681, 0.3889, 0.4374 looks on a white background.

Color Contrast Check

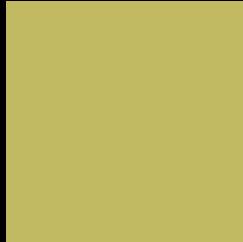
Large Text (above 18pt) WCAG AA × Fail

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 47.0681, 0.3889, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

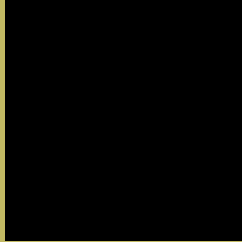
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0681, 0.3889, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 47.0681, 0.3889, 0.4374.



This preview shows how white text looks on a background with the Yxy color 47.0681, 0.3889, 0.4374.

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

47.0681, 0.3889, 0.4374

Protanopia

47.1663, 0.3974, 0.4336

Deuteranopia

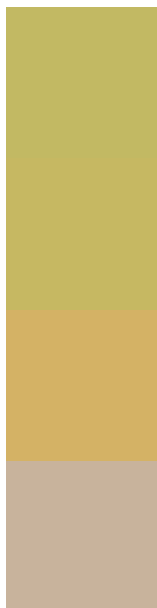
46.9194, 0.4208, 0.4116



Tritanopia

47.0306, 0.3259, 0.3119

Trichromacy



Original Color

47.0681, 0.3889, 0.4374

Protanomaly

47.1686, 0.3940, 0.4359

Deuteranomaly

46.7774, 0.4087, 0.4209

Tritanomaly

46.9199, 0.3508, 0.3583

Monochromacy



Original Color

47.0681, 0.3889, 0.4374

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4080, 0.3416, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0681, 0.3889, 0.4374 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(194, 185, 99)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 99)  
}
```

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(194, 185, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 99) }
```

Border

The CSS property to change the border of an element to Yxy 47.0681, 0.3889, 0.4374 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(194, 185, 99) }
```

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

```
.border{ border-color:rgb(194, 185, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 99);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0681, 0.3889, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 99) }
```

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

```
.background{ background-color: rgb(194,  
185, 99) }
```

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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