

Converting Colors

$Y_{xy}(47.8940, 0.3854, 0.4277)$

Have a look what the booklet for
Yxy(47.8940, 0.3854, 0.4277)
contains.

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Color

Yxy(48.0497, 0.3854, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	C5BA6B
RGB	197, 186, 107
RGB Percent	77%, 73%, 42%
CMY	0.2275, 0.2706, 0.5805
CMYK	0.00, 0.06, 0.46, 0.23
HSL	53°, 44%, 60%
HSV	53°, 46%, 77%
XYZ	43.2369, 48.0497, 20.9004
YIQ	180.2830, 31.9150, -22.2370

Conversions

Conversions Part 2

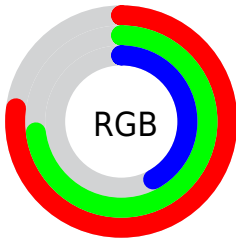
Format	Color
RYB	120, 197, 107
Decimal	12958315
CIELab	74.86, -7.08, 41.28
CIELCh	75, 41.881, 99.735
Yxy	48.0497, 0.3854, 0.4283
Android (android.graphics.Color)	4291148395 (0xFFC5BA6B)
YUV	180.2830, -36.1285, 14.6608
Hunter-Lab	69.3179, -9.9673, 30.6456

Details

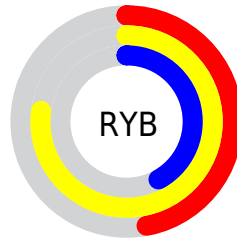
The Yxy color **48.0497, 0.3854, 0.4283** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.1055, 0.2302, 0.2047**, and the grayscale version is **45.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3023, 0.3732, 0.4107**, and **22.7332, 0.4019, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **46.6788, 0.4006, 0.4472**, and if you desaturate by 10%, it is **49.5365, 0.3693, 0.4073**.

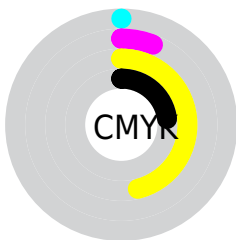
Distribution



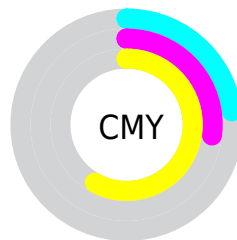
- Red (77%)
- Green (73%)
- Blue (42%)



- Red (47%)
- Yellow (77%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (23%)




- Cyan (23%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0497, 0.3854, 0.4283 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 48.0497, 0.3854, 0.4283 by changing the saturation by 10% instead.


 48.0497, 0.3854,
0.4283

 48.0497, 0.3854,
0.4283


378.9891, 0.3508,
0.3794


 33.8662, 0.3931,
0.4399


 87.2784, 0.3735,
0.4109


 22.7909, 0.4023,
0.4541


 113.0924, 0.3688,
0.4043

 14.4392, 0.4133,
0.4720

 143.5521, 0.3647,
0.3986

 8.4267, 0.4258,
0.4944

 179.0418, 0.3612,
0.3937

 4.3692, 0.4504,
0.5360

219.9460, 0.3581,
0.3894

 1.8822, 0.4465,
0.5535

266.6490, 0.3554,

 0.5376, 0.3861,

0.3856

0.6139

319.5352, 0.3530,
0.3823

0.0000, 0.0000,
0.0000

48.0497, 0.3854,
0.4283

48.0497, 0.3854,
0.4283

46.6788, 0.4006,
0.4472

49.5365, 0.3693,
0.4073

45.4106, 0.4142,
0.4631

51.1386, 0.3529,
0.3853

44.2400, 0.4257,
0.4751

52.8636, 0.3367,
0.3630

43.1582, 0.4345,
0.4828

54.7167, 0.3212,
0.3411

42.1548, 0.4405,
0.4861

56.7026, 0.3065,
0.3201

■ 41.7375, 0.4427,
0.4867

■ 58.8258, 0.2930,
0.3003

■ 61.0907, 0.2805,
0.2818

■ 62.8688, 0.2746,
0.2742

■ 64.0298, 0.2749,
0.2770

Harmonies

Analogous

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



48.0497, 0.4210, 0.3972



48.0497, 0.3854, 0.4283



48.0497, 0.3321, 0.4321

Triad

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



48.0497, 0.3854, 0.4283



48.0497, 0.2110, 0.2871



48.0497, 0.3435, 0.2713

Complementary

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



48.0497, 0.3854, 0.4283



20.1055, 0.2302, 0.2047

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.



48.0497, 0.2850, 0.2459



48.0497, 0.3854, 0.4283



48.0497, 0.2133, 0.2513

Square

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



48.0497, 0.3854, 0.4283



48.0497, 0.2327, 0.3420



48.0497, 0.2388, 0.2381



48.0497, 0.3973, 0.3094

Rectangle

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



48.0497, 0.3854, 0.4283



48.0497, 0.2942, 0.4139



48.0497, 0.2388, 0.2381



48.0497, 0.3235, 0.2611

Sweetspot

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



48.0519, 0.3854, 0.4283



95.1616, 0.3344, 0.3597



23.7131, 0.4177, 0.3133



20.2179, 0.3378, 0.3646



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.



48.0519, 0.3854, 0.4283



83.5722, 0.4008, 0.4475



48.8826, 0.3507, 0.4520



12.1875, 0.3268, 0.3491



27.5369, 0.4423, 0.4870



1.3677, 0.4369, 0.4913

Inverse Universe

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



20.1055, 0.2302, 0.2047



27.3148, 0.2099, 0.1721



20.1173, 0.2574, 0.1980



10.4926, 0.2983, 0.3081



3.1490, 0.1528, 0.0700



0.2201, 0.1605, 0.0978

Previews

White Background



This preview shows how the Yxy color 48.0497, 0.3854, 0.4283 looks on a white background.

Color Contrast Check

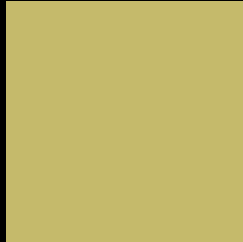
Large Text (above 18pt) WCAG AA × Fail

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 48.0497, 0.3854, 0.4283 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 48.0497, 0.3854, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 48.0497, 0.3854, 0.4283.



This preview shows how white text looks on a background with the Yxy color 48.0497, 0.3854, 0.4283.

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

48.0497, 0.3854, 0.4283

Protanopia

47.8781, 0.3919, 0.4255

Deuteranopia

48.0021, 0.4149, 0.4062



Tritanopia

47.8902, 0.3276, 0.3120

Trichromacy



Original Color

48.0497, 0.3854, 0.4283

Protanomaly

48.0179, 0.3895, 0.4273

Deuteranomaly

48.0214, 0.4039, 0.4148

Tritanomaly

47.8771, 0.3499, 0.3542

Monochromacy



Original Color

48.0497, 0.3854, 0.4283

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.1949, 0.3399, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0497, 0.3854, 0.4283 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(197, 186, 107)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 107)  
}
```

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(197, 186, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 107) }
```

Border

The CSS property to change the border of an element to Yxy 48.0497, 0.3854, 0.4283 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(197, 186, 107) }
```

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

```
.border{ border-color:rgb(197, 186, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 107);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0497, 0.3854, 0.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 107) }
```

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

```
.background{ background-color: rgb(197,  
186, 107) }
```

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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