

Converting Colors

$Y_{xy}(44.2039, 0.3848, 0.4548)$

Have a look what the booklet for
Yxy(44.2039, 0.3848, 0.4548)
contains.

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Color

Yxy(44.2584, 0.3851, 0.4548)

Conversions

Conversions Part 1

Format	Color
Hex	B4B757
RGB	180, 183, 87
RGB Percent	71%, 72%, 34%
CMY	0.2941, 0.2823, 0.6589
CMYK	0.02, 0.00, 0.52, 0.28
HSL	62°, 40%, 53%
HSV	62°, 52%, 72%
XYZ	37.4756, 44.2584, 15.5800
YIQ	171.1590, 29.0280, -30.4920

Conversions

Conversions Part 2

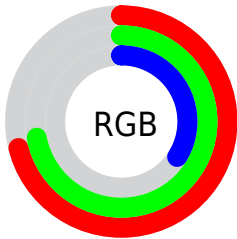
Format	Color
RYB	87, 183, 90
Decimal	11843415
CIELab	72.40, -14.40, 47.81
CIElCh	72, 49.928, 106.761
Yxy	44.2584, 0.3851, 0.4548
Android (android.graphics.Color)	4290033495 (0xFFB4B757)
YUV	171.1590, -41.4904, 7.7536
Hunter-Lab	66.5270, -15.8706, 32.6838

Details

The Yxy color **44.2584, 0.3851, 0.4548** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **12.4057, 0.2158, 0.1656**, and the grayscale version is **41.0106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7742, 0.3745, 0.4326**, and **20.4466, 0.4001, 0.4886** is the 20% darker color. If you saturate the color by 10%, you get **43.9297, 0.3956, 0.4737**, and if you desaturate by 10%, it is **44.6672, 0.3728, 0.4330**.

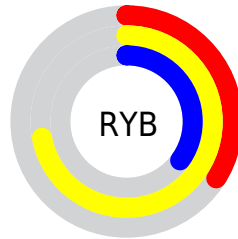
Distribution



Red (71%)

Green (72%)

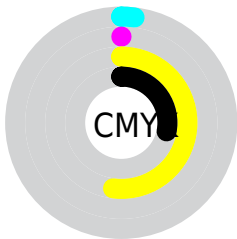
Blue (34%)



Red (34%)

Yellow (72%)

Blue (35%)

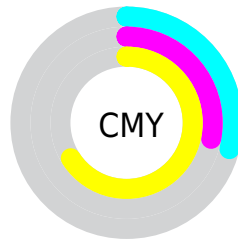


Cyan (2%)

Magenta (0%)

Yellow (52%)

Black (28%)



Cyan (29%)


Magenta (28%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2584, 0.3851, 0.4548 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 44.2584, 0.3851, 0.4548 by changing the saturation by 10% instead.

 44.2584, 0.3851,
0.4548


 44.2584, 0.3851,
0.4548


363.7617, 0.3516,
0.3915


 30.8737, 0.3919,
0.4699


 81.6064, 0.3739,
0.4321


 20.5027, 0.3996,
0.4886


 106.3386, 0.3694,
0.4235

 12.7610, 0.4076,
0.5117


 135.6219, 0.3655,
0.4161

 7.2642, 0.4158,
0.5422

 169.8410, 0.3620,
0.4098

 3.6279, 0.4197,
0.5803

209.3801, 0.3589,
0.4043

 1.4676, 0.3950,
0.6050

254.6237, 0.3562,

 0.2658, 0.0000,

0.3995

1.0000

305.9561, 0.3538,
0.3953

0.0000, 0.0000,
0.0000

44.2584, 0.3851,
0.4548

44.2584, 0.3851,
0.4548

43.9297, 0.3956,
0.4737

44.6672, 0.3728,
0.4330

43.6693, 0.4038,
0.4888

45.1554, 0.3592,
0.4092

43.4724, 0.4095,
0.4998

45.7296, 0.3449,
0.3844

43.3310, 0.4127,
0.5065

46.3944, 0.3304,
0.3594

43.2491, 0.4139,
0.5096

47.1537, 0.3162,
0.3349

■ 48.0116, 0.3025,
0.3115

■ 48.9715, 0.2895,
0.2895

■ 50.0370, 0.2775,
0.2691

■ 51.2113, 0.2664,
0.2503

Harmonies

Analogous

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



44.2584, 0.4359, 0.4197



44.2584, 0.3851, 0.4548



44.2584, 0.3181, 0.4522

Triad

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



44.2584, 0.3851, 0.4548



44.2584, 0.1893, 0.2641



44.2584, 0.3667, 0.2692

Complementary

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



44.2584, 0.3851, 0.4548



12.4057, 0.2158, 0.1656

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.



44.2584, 0.2941, 0.2354



44.2584, 0.3851, 0.4548



44.2584, 0.1987, 0.2291

Square

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



44.2584, 0.3851, 0.4548



44.2584, 0.2075, 0.3265



44.2584, 0.2345, 0.2207



44.2584, 0.4283, 0.3161

Rectangle

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



44.2584, 0.3851, 0.4548



44.2584, 0.2734, 0.4227



44.2584, 0.2345, 0.2207



44.2584, 0.3423, 0.2561

Sweetspot

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



44.2604, 0.3851, 0.4548



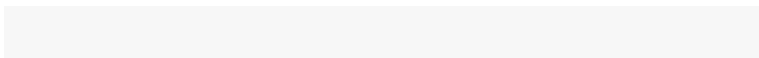
82.6148, 0.3359, 0.3688



17.8313, 0.4610, 0.3316



18.1931, 0.3389, 0.3740



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.2604, 0.3851, 0.4548



78.5909, 0.3970, 0.4763



39.5757, 0.3415, 0.4761



10.4887, 0.3259, 0.3516



30.1751, 0.4140, 0.5095



1.0682, 0.4154, 0.5083

Inverse Universe

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



12.4057, 0.2158, 0.1656



15.3580, 0.1927, 0.1274



15.5168, 0.2632, 0.1840



8.7325, 0.2989, 0.3054



2.4165, 0.1512, 0.0607



0.0897, 0.1559, 0.0633

Previews

White Background



This preview shows how the Yxy color 44.2584, 0.3851, 0.4548 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 44.2584, 0.3851, 0.4548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

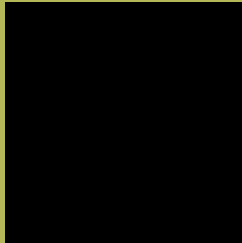
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2584, 0.3851, 0.4548

Background



This preview shows how black text looks on a background with the Yxy color 44.2584, 0.3851, 0.4548.



This preview shows how white text looks on a background with the Yxy color 44.2584, 0.3851, 0.4548.

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

44.2584, 0.3851, 0.4548

Protanopia

44.2324, 0.4050, 0.4443

Deuteranopia

44.0367, 0.4283, 0.4192



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.2584, 0.3851, 0.4548

Protanomaly

44.2616, 0.3972, 0.4481

Deuteranomaly

43.8477, 0.4120, 0.4313

Tritanomaly

43.6918, 0.3438, 0.3638

Monochromacy



Original Color

44.2584, 0.3851, 0.4548

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5521, 0.3413, 0.3780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2584, 0.3851, 0.4548 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(180, 183, 87)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 87)  
}
```

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(180, 183, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 87) }
```

Border

The CSS property to change the border of an element to Yxy 44.2584, 0.3851, 0.4548 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(180, 183, 87) }
```

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

```
.border{ border-color:rgb(180, 183, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 87);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2584, 0.3851, 0.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 87) }
```

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

```
.background{ background-color: rgb(180,  
183, 87) }
```

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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