

# Converting Colors

$Yxy(44.1015, 0.3407, 0.3956)$

Have a look what the booklet for  
Yxy(44.1015, 0.3407, 0.3956)  
contains.

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# Color

**Yxy(44.2742, 0.3407, 0.3959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB787
RGB	171, 183, 135
RGB Percent	67%, 72%, 53%
CMY	0.3294, 0.2823, 0.4706
CMYK	0.07, 0.00, 0.26, 0.28
HSL	75°, 25%, 62%
HSV	75°, 26%, 72%
XYZ	38.1011, 44.2742, 29.4565
YIQ	173.9400, 8.2560, -17.4720

# Conversions

## Conversions Part 2

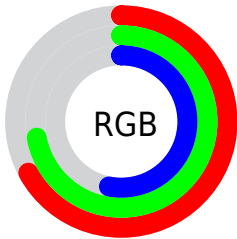
Format	Color
R <sub>YB</sub>	135, 183, 147
Decimal	11253639
CIE Lab	72.41, -12.41, 23.08
CIE LCh	72, 26.209, 118.274
Yxy	44.2742, 0.3407, 0.3959
Android (android.graphics.Color)	4289443719 (0xFFABB787)
YUV	173.9400, -19.1974, -2.5784
Hunter-Lab	66.5389, -14.2314, 20.3298

# Details

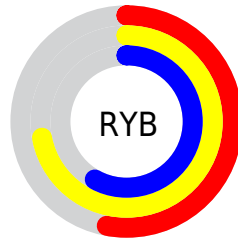
The Yxy color **44.2742, 0.3407, 0.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.9481, 0.2794, 0.2575**, and the grayscale version is **42.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7380, 0.3358, 0.3827**, and **20.4727, 0.3474, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **43.2993, 0.3509, 0.4227**, and if you desaturate by 10%, it is **45.3594, 0.3301, 0.3695**.

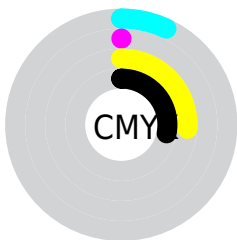
# Distribution



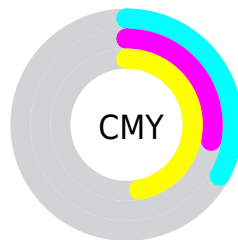
- Red (67%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)




- Cyan (33%)
- Magenta (28%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2742, 0.3407, 0.3959 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 44.2742, 0.3407, 0.3959 by changing the saturation by 10% instead.





 44.2742, 0.3407,  
0.3959


 44.2742, 0.3407,  
0.3959


363.8260, 0.3272,  
0.3614


 30.8861, 0.3439,  
0.4048


 81.6302, 0.3359,  
0.3832

 20.5122, 0.3478,  
0.4163

 106.3669, 0.3341,  
0.3784

 12.7679, 0.3527,  
0.4319


 135.6553, 0.3325,  
0.3745

 7.2689, 0.3589,  
0.4539

169.8797, 0.3311,  
0.3711

 3.6308, 0.3664,  
0.4870

209.4246, 0.3300,  
0.3682

 1.4693, 0.4082,  
0.5918

254.6744, 0.3289,

 0.2670, 0.0000,

0.3656

1.0000

306.0134, 0.3280,  
0.3634

0.0000, 0.0000,  
0.0000

44.2742, 0.3407,  
0.3959

44.2742, 0.3407,  
0.3959

43.2993, 0.3509,  
0.4227

45.3594, 0.3301,  
0.3695

42.4241, 0.3601,  
0.4489

46.5535, 0.3193,  
0.3441

41.6454, 0.3678,  
0.4736

47.8625, 0.3088,  
0.3202

40.9577, 0.3736,  
0.4956

49.2902, 0.2987,  
0.2980

40.3546, 0.3771,  
0.5139

50.8403, 0.2891,  
0.2776

■ 39.8289, 0.3781,  
0.5277

■ 52.5165, 0.2802,  
0.2591

■ 39.3709, 0.3766,  
0.5369

■ 53.7893, 0.2770,  
0.2499

■ 39.2087, 0.3758,  
0.5398

■ 54.4413, 0.2803,  
0.2506

■ 55.1124, 0.2836,  
0.2513

# Harmonies

## Analogous

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



44.2742, 0.3714, 0.3884



44.2742, 0.3407, 0.3959



44.2742, 0.3036, 0.3828

# Triad

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



44.2742, 0.3407, 0.3959



44.2742, 0.2438, 0.2865



44.2742, 0.3552, 0.3062

# Complementary

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



44.2742, 0.3407, 0.3959



26.9481, 0.2794, 0.2575

# 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.



44.2742, 0.3185, 0.2826



44.2742, 0.3407, 0.3959



44.2742, 0.2555, 0.2705

# Square

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



44.2742, 0.3407, 0.3959



44.2742, 0.2490, 0.3159



44.2742, 0.2822, 0.2696



44.2742, 0.3808, 0.3358



# Rectangle

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



44.2742, 0.3407, 0.3959



44.2742, 0.2804, 0.3637



44.2742, 0.2822, 0.2696



44.2742, 0.3437, 0.2974

# Sweetspot

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



44.2762, 0.3407, 0.3959



82.9505, 0.3213, 0.3488



32.6834, 0.3636, 0.3461



18.2485, 0.3230, 0.3526



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.



44.2762, 0.3407, 0.3959



78.3469, 0.3462, 0.4100



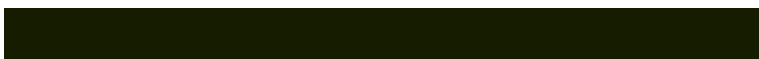
41.8207, 0.3194, 0.4006



10.3873, 0.3226, 0.3518



27.3847, 0.3763, 0.5394



0.9927, 0.3880, 0.5301



# Inverse Universe

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



26.9481, 0.2794, 0.2575



42.4897, 0.2713, 0.2411



29.4035, 0.3034, 0.2623



8.8251, 0.3022, 0.3056



2.8142, 0.1655, 0.0686



0.1293, 0.1937, 0.0841



# Previews

## White Background



This preview shows how the Yxy color 44.2742, 0.3407, 0.3959 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 44.2742, 0.3407, 0.3959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

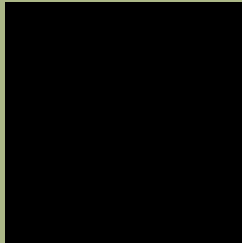
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

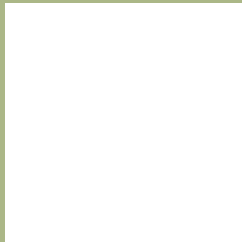
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.2742, 0.3407, 0.3959**

## Background



This preview shows how black text looks on a background with the Yxy color 44.2742, 0.3407, 0.3959.



This preview shows how white text looks on a background with the Yxy color 44.2742, 0.3407, 0.3959.

# 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

44.2742, 0.3407, 0.3959

### Protanopia

44.0574, 0.3628, 0.3887

### Deuteranopia

43.9943, 0.3775, 0.3693



## Tritanopia

44.2334, 0.3032, 0.3106

# Trichromacy



## Original Color

44.2742, 0.3407, 0.3959

## Protanomaly

44.0009, 0.3546, 0.3912

## Deuteranomaly

44.0682, 0.3640, 0.3787

## Tritanomaly

44.2564, 0.3165, 0.3412

# Monochromacy



## Original Color

44.2742, 0.3407, 0.3959

## Achromatopsia

42.3268, 0.3127, 0.3290

## Achromatomaly

42.8666, 0.3231, 0.3524

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.2742, 0.3407, 0.3959 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(171, 183, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 135)  
}
```

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(171, 183, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 135) }
```

## Border

The CSS property to change the border of an element to Yxy 44.2742, 0.3407, 0.3959 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(171, 183, 135) }
```

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

```
.border{ border-color:rgb(171, 183, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
135) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.2742, 0.3407, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 135) }
```

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

```
.background{ background-color: rgb(171,  
183, 135) }
```

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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