

# Converting Colors

$Yxy(43.3531, 0.3395, 0.4156)$

Have a look what the booklet for  
Yxy(43.3531, 0.3395, 0.4156)  
contains.

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# Color

**Yxy(43.2098, 0.3391, 0.4153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0B87C
RGB	160, 184, 124
RGB Percent	63%, 72%, 49%
CMY	0.3724, 0.2785, 0.5137
CMYK	0.13, 0.00, 0.33, 0.28
HSL	84°, 30%, 60%
HSV	84°, 33%, 72%
XYZ	35.2816, 43.2098, 25.5534
YIQ	169.9840, 4.9560, -23.7480

# Conversions

## Conversions Part 2

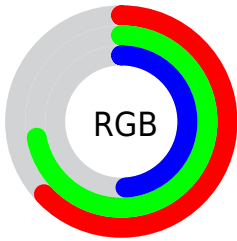
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 184, 148
Decimal	10532988
CIELab	71.70, -18.66, 27.84
CIELCh	72, 33.515, 123.841
Yxy	43.2098, 0.3391, 0.4153
Android (android.graphics.Color)	4288723068 (0xFFA0B87C)
YUV	169.9840, -22.6701, -8.7560
Hunter-Lab	65.7342, -19.2282, 22.9656

# Details

The Yxy color **43.2098, 0.3391, 0.4153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.1725, 0.2785, 0.2399**, and the grayscale version is **40.3075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9416, 0.3347, 0.3986**, and **19.9152, 0.3456, 0.4430** is the 20% darker color. If you saturate the color by 10%, you get **42.0532, 0.3461, 0.4437**, and if you desaturate by 10%, it is **44.5018, 0.3313, 0.3873**.

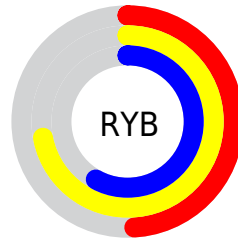
# Distribution



Red (63%)

Green (72%)

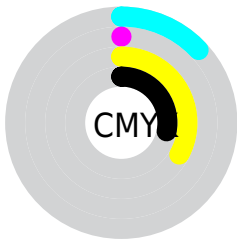
Blue (49%)



Red (49%)

Yellow (72%)

Blue (58%)

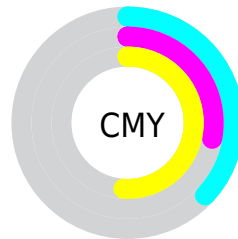


Cyan (13%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (37%)

Magenta (28%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2098, 0.3391, 0.4153 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 43.2098, 0.3391, 0.4153 by changing the saturation by 10% instead.




 43.2098, 0.3391,  
0.4153

 43.2098, 0.3391,  
0.4153


359.4739, 0.3268,  
0.3703


 30.0498, 0.3418,  
0.4271


 80.0274, 0.3349,  
0.3985

 19.8764, 0.3449,  
0.4424


 104.4537, 0.3332,  
0.3923

 12.3052, 0.3484,  
0.4632


 133.4042, 0.3318,  
0.3872

 6.9519, 0.3520,  
0.4927

167.2633, 0.3306,  
0.3828

 3.4320, 0.3555,  
0.5393

206.4155, 0.3294,  
0.3790

 1.3612, 0.3628,  
0.6372

251.2450, 0.3285,

 0.1879, 0.0000,

0.3757

1.0000

302.1363, 0.3276,  
0.3728

0.0000, 0.0000,  
0.0000

43.2098, 0.3391,  
0.4153

43.2098, 0.3391,  
0.4153

42.0532, 0.3461,  
0.4437

44.5018, 0.3313,  
0.3873

41.0208, 0.3518,  
0.4715

45.9288, 0.3231,  
0.3604

40.1084, 0.3558,  
0.4975


47.4975, 0.3148,  
0.3352

39.3091, 0.3577,  
0.5202

49.2126, 0.3067,  
0.3120


38.6154, 0.3572,  
0.5386


51.0784, 0.2989,  
0.2908

 38.0183, 0.3544,  
0.5519

 53.0992, 0.2915,  
0.2716

 37.6260, 0.3513,  
0.5593

 55.2789, 0.2846,  
0.2544

 56.5330, 0.2886,  
0.2535

 57.6971, 0.2940,  
0.2547

# Harmonies

## Analogous

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



43.2098, 0.3814, 0.4085



43.2098, 0.3391, 0.4153



43.2098, 0.2917, 0.3936

# Triad

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



43.2098, 0.3391, 0.4153



43.2098, 0.2267, 0.2688



43.2098, 0.3752, 0.3061

# Complementary

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



43.2098, 0.3391, 0.4153



24.1725, 0.2785, 0.2399

# 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.



43.2098, 0.3289, 0.2750



43.2098, 0.3391, 0.4153



43.2098, 0.2449, 0.2531

# Square

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



43.2098, 0.3391, 0.4153



43.2098, 0.2290, 0.3031



43.2098, 0.2812, 0.2560



43.2098, 0.4043, 0.3437



# Rectangle

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



43.2098, 0.3391, 0.4153



43.2098, 0.2636, 0.3658



43.2098, 0.2812, 0.2560



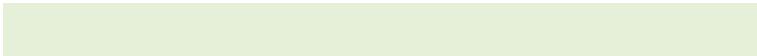
43.2098, 0.3609, 0.2947

# Sweetspot

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



43.2117, 0.3391, 0.4153



83.9313, 0.3211, 0.3541



32.5147, 0.3763, 0.3616



18.0109, 0.3223, 0.3577



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.



43.2117, 0.3391, 0.4153



76.8324, 0.3441, 0.4354



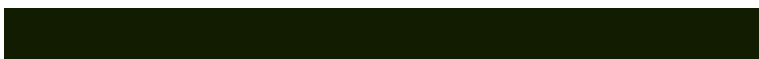
40.5606, 0.3139, 0.4224



10.3196, 0.3204, 0.3520



25.9751, 0.3521, 0.5587



0.9506, 0.3695, 0.5448



# Inverse Universe

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



24.1725, 0.2785, 0.2399



37.0341, 0.2691, 0.2183



27.2259, 0.3089, 0.2475



8.8898, 0.3045, 0.3058



3.4136, 0.1857, 0.0796



0.1566, 0.2165, 0.0966



# Previews

## White Background



This preview shows how the Yxy color 43.2098, 0.3391, 0.4153 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 43.2098, 0.3391, 0.4153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

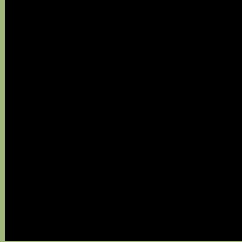
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.2098, 0.3391, 0.4153**

## Background



This preview shows how black text looks on a background with the Yxy color 43.2098, 0.3391, 0.4153.



This preview shows how white text looks on a background with the Yxy color 43.2098, 0.3391, 0.4153.

# 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

43.2098, 0.3391, 0.4153

### Protanopia

42.9632, 0.3739, 0.4020

### Deuteranopia

42.9475, 0.3885, 0.3806



## Tritanopia

43.2034, 0.2957, 0.3102

# Trichromacy



## Original Color

43.2098, 0.3391, 0.4153

## Protanomaly

42.8050, 0.3611, 0.4072

## Deuteranomaly

42.8548, 0.3701, 0.3927

## Tritanomaly

43.1004, 0.3119, 0.3471

# Monochromacy



## Original Color

43.2098, 0.3391, 0.4153

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

41.0668, 0.3229, 0.3602

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.2098, 0.3391, 0.4153 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(160, 184, 124)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 124)  
}
```

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(160, 184, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 124) }
```

## Border

The CSS property to change the border of an element to Yxy 43.2098, 0.3391, 0.4153 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(160, 184, 124) }
```

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

```
.border{ border-color:rgb(160, 184, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 124);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
124) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.2098, 0.3391, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 124) }
```

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

```
.background{ background-color: rgb(160,  
184, 124) }
```

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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