

Converting Colors

$Y_{xy}(49.5531, 0.3424, 0.4154)$

Have a look what the booklet for
Yxy(49.5531, 0.3424, 0.4154)
contains.

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Color

Yxy(49.5531, 0.3424, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	ADC383
RGB	173, 195, 131
RGB Percent	68%, 76%, 51%
CMY	0.3216, 0.2353, 0.4862
CMYK	0.11, 0.00, 0.33, 0.24
HSL	81°, 35%, 64%
HSV	81°, 33%, 76%
XYZ	40.8449, 49.5531, 28.8921
YIQ	181.1260, 7.4320, -24.5680

Conversions

Conversions Part 2

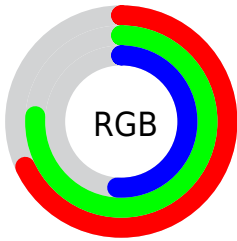
Format	Color
RYB	131, 195, 153
Decimal	11387779
CIELab	75.79, -18.35, 29.75
CIElCh	76, 34.951, 121.670
Yxy	49.5531, 0.3424, 0.4154
Android (android.graphics.Color)	4289577859 (0xFFADC383)
YUV	181.1260, -24.7121, -7.1265
Hunter-Lab	70.3940, -19.6178, 24.9412

Details

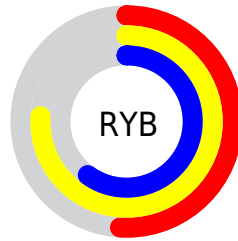
The Yxy color **49.5531, 0.3424, 0.4154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.9551, 0.2747, 0.2380**, and the grayscale version is **46.4144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7816, 0.3374, 0.3992**, and **23.6369, 0.3489, 0.4397** is the 20% darker color. If you saturate the color by 10%, you get **48.3294, 0.3503, 0.4433**, and if you desaturate by 10%, it is **50.9191, 0.3336, 0.3877**.

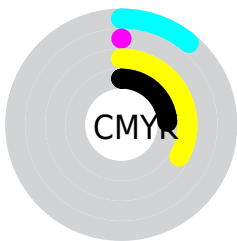
Distribution



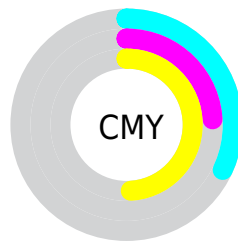
- Red (68%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)





- Cyan (32%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5531, 0.3424, 0.4154 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 49.5531, 0.3424, 0.4154 by changing the saturation by 10% instead.

 49.5531, 0.3424,
0.4154


 49.5531, 0.3424,
0.4154


384.9157, 0.3288,
0.3714


 35.0584, 0.3453,
0.4265


 89.5124, 0.3378,
0.3993

 23.7079, 0.3488,
0.4408


 115.7458, 0.3359,
0.3933

 15.1171, 0.3528,
0.4598


 146.6609, 0.3343,
0.3882

 8.9016, 0.3571,
0.4860

182.6421, 0.3330,
0.3839

 4.6771, 0.3607,
0.5238

224.0738, 0.3317,
0.3801

 2.0591, 0.3818,
0.6182

271.3403, 0.3306,

 0.6414, 0.2014,

0.3768

0.7986

324.8262, 0.3297,
0.3739

0.0000, 0.0000,
0.0000

49.5531, 0.3424,
0.4154

49.5531, 0.3424,
0.4154

48.3294, 0.3503,
0.4433

50.9191, 0.3336,
0.3877

47.2353, 0.3570,
0.4702

52.4265, 0.3245,
0.3610

46.2663, 0.3618,
0.4951


54.0830, 0.3153,
0.3358


45.4149, 0.3645,
0.5166

55.8934, 0.3063,
0.3124


44.6726, 0.3647,
0.5338

57.8626, 0.2976,
0.2909

 44.0293, 0.3625,
0.5461

 59.9952, 0.2895,
0.2715

 43.6149, 0.3598,
0.5525

 61.4620, 0.2898,
0.2655

 62.5298, 0.2946,
0.2664

 63.6402, 0.2995,
0.2673

Harmonies

Analogous

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



49.5531, 0.3836, 0.4068



49.5531, 0.3424, 0.4154



49.5531, 0.2951, 0.3958

Triad

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



49.5531, 0.3424, 0.4154



49.5531, 0.2265, 0.2709



49.5531, 0.3720, 0.3037

Complementary

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



49.5531, 0.3424, 0.4154



26.9551, 0.2747, 0.2380

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.



49.5531, 0.3253, 0.2734



49.5531, 0.3424, 0.4154



49.5531, 0.2432, 0.2539

Square

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



49.5531, 0.3424, 0.4154



49.5531, 0.2303, 0.3063



49.5531, 0.2782, 0.2555



49.5531, 0.4027, 0.3409

Rectangle

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



49.5531, 0.3424, 0.4154



49.5531, 0.2666, 0.3690



49.5531, 0.2782, 0.2555



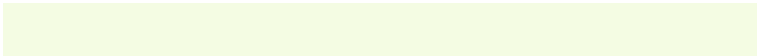
49.5531, 0.3575, 0.2925

Sweetspot

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



49.5553, 0.3424, 0.4154



94.6520, 0.3220, 0.3541



35.8126, 0.3785, 0.3578



20.6373, 0.3234, 0.3578



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.



49.5553, 0.3424, 0.4154



87.2307, 0.3479, 0.4344



46.3952, 0.3164, 0.4229



11.5793, 0.3213, 0.3521



28.3935, 0.3606, 0.5519



1.2637, 0.3740, 0.5412

Inverse Universe

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



26.9551, 0.2747, 0.2380



40.8412, 0.2648, 0.2167



30.4117, 0.3056, 0.2458



9.9127, 0.3036, 0.3056



3.3809, 0.1770, 0.0749



0.1846, 0.2031, 0.0893

Previews

White Background



This preview shows how the Yxy color 49.5531, 0.3424, 0.4154 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 49.5531, 0.3424, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

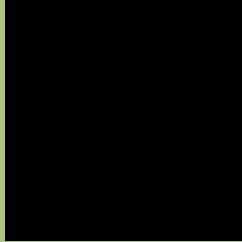
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5531, 0.3424, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 49.5531, 0.3424, 0.4154.



This preview shows how white text looks on a background with the Yxy color 49.5531, 0.3424, 0.4154.

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

49.5531, 0.3424, 0.4154

Protanopia

49.2067, 0.3746, 0.4029

Deuteranopia

49.3616, 0.3886, 0.3813



Tritanopia

49.4021, 0.2990, 0.3101

Trichromacy



Original Color

49.5531, 0.3424, 0.4154

Protanomaly

49.0301, 0.3626, 0.4079

Deuteranomaly

49.2565, 0.3712, 0.3927

Tritanomaly

49.1135, 0.3144, 0.3460

Monochromacy



Original Color

49.5531, 0.3424, 0.4154

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.2271, 0.3240, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5531, 0.3424, 0.4154 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(173, 195, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 131)  
}
```

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(173, 195, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 131) }
```

Border

The CSS property to change the border of an element to Yxy 49.5531, 0.3424, 0.4154 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(173, 195, 131) }
```

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

```
.border{ border-color:rgb(173, 195, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 195, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 195, 131); box-shadow:4px 4px 4px 4px rgb(173, 195, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5531, 0.3424, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 131) }
```

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

```
.background{ background-color: rgb(173,  
195, 131) }
```

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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