

Converting Colors

$Yxy(48.4131, 0.3447, 0.4115)$

Have a look what the booklet for
Yxy(48.4131, 0.3447, 0.4115)
contains.

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Color

Yxy(48.4519, 0.3450, 0.4114)

Conversions

Conversions Part 1

Format	Color
Hex	AFC083
RGB	175, 192, 131
RGB Percent	69%, 75%, 51%
CMY	0.3136, 0.2471, 0.4862
CMYK	0.09, 0.00, 0.32, 0.25
HSL	77°, 33%, 63%
HSV	77°, 32%, 75%
XYZ	40.6318, 48.4519, 28.6896
YIQ	179.9630, 9.4490, -22.5750

Conversions

Conversions Part 2

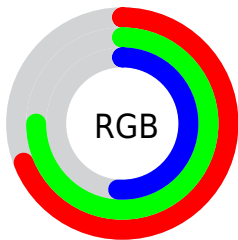
Format	Color
RYB	131, 192, 148
Decimal	11518083
CIELab	75.11, -16.05, 28.87
CIELCh	75, 33.030, 119.082
Yxy	48.4519, 0.3450, 0.4114
Android (android.graphics.Color)	4289708163 (0xFFAFC083)
YUV	179.9630, -24.1388, -4.3526
Hunter-Lab	69.6074, -17.6176, 24.2881

Details

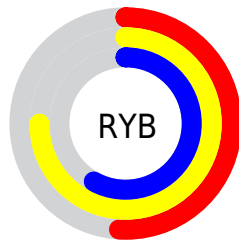
The Yxy color **48.4519, 0.3450, 0.4114** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.3376, 0.2724, 0.2404**, and the grayscale version is **45.7535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6265, 0.3395, 0.3952**, and **23.1969, 0.3522, 0.4359** is the 20% darker color. If you saturate the color by 10%, you get **47.3746, 0.3542, 0.4384**, and if you desaturate by 10%, it is **49.6544, 0.3350, 0.3844**.

Distribution



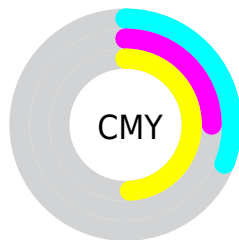
- Red (69%)
- Green (75%)
- Blue (51%)



- Red (51%)
- Yellow (75%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)





- Cyan (31%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4519, 0.3450, 0.4114 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 48.4519, 0.3450, 0.4114 by changing the saturation by 10% instead.


 48.4519, 0.3450,
0.4114


 48.4519, 0.3450,
0.4114


380.5806, 0.3299,
0.3694

 34.1849, 0.3483,
0.4220


 87.8769, 0.3398,
0.3960

 23.0357, 0.3524,
0.4357


 113.8036, 0.3378,
0.3903

 14.6199, 0.3571,
0.4538


 144.3857, 0.3360,
0.3854

 8.5530, 0.3627,
0.4788

180.0076, 0.3345,
0.3813

 4.4508, 0.3682,
0.5150

221.0536, 0.3331,
0.3777

 1.9288, 0.3933,
0.6067

267.9082, 0.3319,

 0.5656, 0.2048,

0.3746

0.7952

320.9557, 0.3309,
0.3719

0.0000, 0.0000,
0.0000

48.4519, 0.3450,
0.4114

48.4519, 0.3450,
0.4114

47.3746, 0.3542,
0.4384

49.6544, 0.3350,
0.3844

46.4105, 0.3622,
0.4645

50.9809, 0.3247,
0.3581

45.5556, 0.3684,
0.4884


52.4383, 0.3145,
0.3332

44.8030, 0.3724,
0.5090


54.0313, 0.3045,
0.3100


44.1450, 0.3740,
0.5254


55.7642, 0.2950,
0.2886


 43.5723, 0.3730,
0.5370

 57.6411, 0.2861,
0.2691

 43.1503, 0.3708,
0.5438

 58.9768, 0.2842,
0.2612

 59.7859, 0.2881,
0.2620

 60.6216, 0.2919,
0.2627

Harmonies

Analogous

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



48.4519, 0.3832, 0.4015



48.4519, 0.3450, 0.4114



48.4519, 0.2999, 0.3950

Triad

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



48.4519, 0.3450, 0.4114



48.4519, 0.2298, 0.2760



48.4519, 0.3658, 0.3020

Complementary

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



48.4519, 0.3450, 0.4114



26.3376, 0.2724, 0.2404

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.



48.4519, 0.3207, 0.2738



48.4519, 0.3450, 0.4114



48.4519, 0.2442, 0.2579

Square

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



48.4519, 0.3450, 0.4114



48.4519, 0.2352, 0.3112



48.4519, 0.2764, 0.2579



48.4519, 0.3967, 0.3374

Rectangle

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



48.4519, 0.3450, 0.4114



48.4519, 0.2720, 0.3707



48.4519, 0.2764, 0.2579



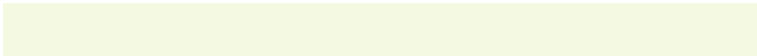
48.4519, 0.3516, 0.2915

Sweetspot

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



48.4540, 0.3450, 0.4114



92.7858, 0.3231, 0.3540



33.7996, 0.3775, 0.3513



19.8284, 0.3246, 0.3577



97.7402, 0.3127, 0.3290



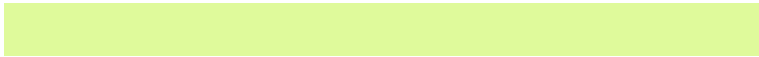
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4540, 0.3450, 0.4114



86.4382, 0.3514, 0.4300



45.3786, 0.3196, 0.4184



11.6130, 0.3223, 0.3520



29.0777, 0.3714, 0.5433



1.2894, 0.3826, 0.5344

Inverse Universe

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



26.3376, 0.2724, 0.2404



40.1848, 0.2616, 0.2186



29.4809, 0.3018, 0.2476



9.8806, 0.3026, 0.3055



3.1118, 0.1685, 0.0702



0.1702, 0.1937, 0.0841

Previews

White Background



This preview shows how the Yxy color 48.4519, 0.3450, 0.4114 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 48.4519, 0.3450, 0.4114 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

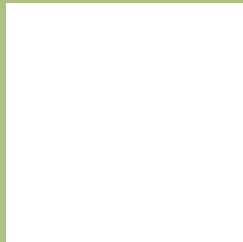
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4519, 0.3450, 0.4114

Background



This preview shows how black text looks on a background with the Yxy color 48.4519, 0.3450, 0.4114.



This preview shows how white text looks on a background with the Yxy color 48.4519, 0.3450, 0.4114.

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

48.4519, 0.3450, 0.4114

Protanopia

48.5358, 0.3724, 0.4011

Deuteranopia

48.2256, 0.3885, 0.3805



Tritanopia

48.5485, 0.3020, 0.3113

Trichromacy



Original Color

48.4519, 0.3450, 0.4114

Protanomaly

48.6278, 0.3622, 0.4055

Deuteranomaly

47.8459, 0.3723, 0.3907

Tritanomaly

48.4204, 0.3178, 0.3460

Monochromacy



Original Color

48.4519, 0.3450, 0.4114

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.3546, 0.3250, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4519, 0.3450, 0.4114 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(175, 192, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 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(175, 192, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 131) }
```

Border

The CSS property to change the border of an element to Yxy 48.4519, 0.3450, 0.4114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

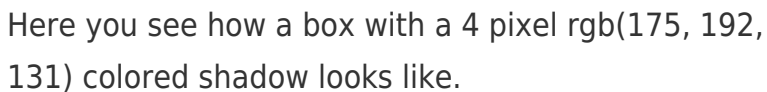
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 192, 131) }
```

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

```
.border{ border-color:rgb(175, 192, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 192, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 192, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 192, 131); box-shadow:4px 4px 4px 4px rgb(175, 192, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4519, 0.3450, 0.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 192, 131) }
```

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

```
.background{ background-color: rgb(175,  
192, 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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