

Converting Colors

$Yxy(49.5317, 0.3179, 0.3666)$

Have a look what the booklet for
Yxy(49.5317, 0.3179, 0.3666)
contains.

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Color

Yxy(49.7045, 0.3182, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	ADC1A4
RGB	173, 193, 164
RGB Percent	68%, 76%, 64%
CMY	0.3216, 0.2431, 0.3570
CMYK	0.10, 0.00, 0.15, 0.24
HSL	101°, 19%, 70%
HSV	101°, 15%, 76%
XYZ	43.0016, 49.7045, 42.4340
YIQ	183.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

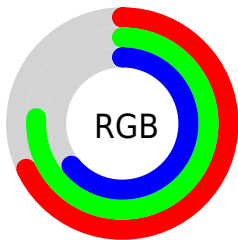
Format	Color
RYB	164, 193, 184
Decimal	11387300
CIELab	75.89, -12.23, 12.34
CIELCh	76, 17.370, 134.736
Yxy	49.7045, 0.3182, 0.3678
Android (android.graphics.Color)	4289577380 (0xFFADC1A4)
YUV	183.7140, -9.7190, -9.3962
Hunter-Lab	70.5014, -14.5034, 13.6650

Details

The Yxy color **49.7045, 0.3182, 0.3678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5781, 0.3063, 0.2913**, and the grayscale version is **47.8221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5239, 0.3176, 0.3601**, and **23.6282, 0.3191, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **47.6201, 0.3215, 0.3967**, and if you desaturate by 10%, it is **52.0500, 0.3146, 0.3413**.

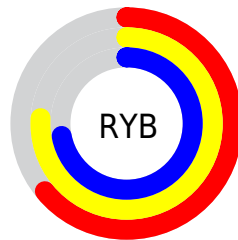
Distribution



Red (68%)

Green (76%)

Blue (64%)



Red (64%)

Yellow (76%)

Blue (72%)

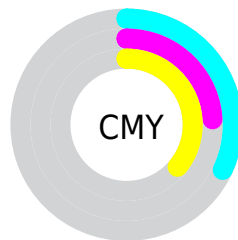


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (32%)


Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7045, 0.3182, 0.3678 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 49.7045, 0.3182, 0.3678 by changing the saturation by 10% instead.


 49.7045, 0.3182,
0.3678


 49.7045, 0.3182,
0.3678


385.5092, 0.3157,
0.3482

 35.1787, 0.3187,
0.3728


 89.7369, 0.3173,
0.3606

 23.8005, 0.3194,
0.3792

 116.0122, 0.3170,
0.3579

 15.1857, 0.3202,
0.3878

146.9729, 0.3167,
0.3557

 8.9498, 0.3211,
0.3999

183.0032, 0.3165,
0.3538

 4.7085, 0.3221,
0.4183

224.4876, 0.3162,
0.3521

 2.0772, 0.3228,
0.4491

271.8105, 0.3160,

 0.6518, 0.3300,

0.3506

0.6700

325.3562, 0.3159,
0.3493

0.0000, 0.0000,
0.0000

49.7045, 0.3182,
0.3678

49.7045, 0.3182,
0.3678

47.6201, 0.3215,
0.3967

52.0500, 0.3146,
0.3413

45.7811, 0.3244,
0.4277

54.6587, 0.3109,
0.3175

44.1801, 0.3265,
0.4599

57.5411, 0.3072,
0.2963

42.8065, 0.3275,
0.4918

60.7050, 0.3036,
0.2776

41.6492, 0.3271,
0.5219

63.8005, 0.3040,
0.2661

■ 40.6958, 0.3252,
0.5482

■ 66.2076, 0.3139,
0.2680

■ 39.9326, 0.3218,
0.5689

■ 66.6234, 0.3156,
0.2683

■ 39.3436, 0.3172,
0.5829

■ 39.1045, 0.3149,
0.5882

Harmonies

Analogous

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



49.7045, 0.3408, 0.3708



49.7045, 0.3182, 0.3678



49.7045, 0.2948, 0.3531

Triad

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



49.7045, 0.3182, 0.3678



49.7045, 0.2708, 0.2950



49.7045, 0.3499, 0.3250

Complementary

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



49.7045, 0.3182, 0.3678



40.5781, 0.3063, 0.2913

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.



49.7045, 0.3299, 0.3065



49.7045, 0.3182, 0.3678



49.7045, 0.2843, 0.2894

Square

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



49.7045, 0.3182, 0.3678



49.7045, 0.2680, 0.3101



49.7045, 0.3058, 0.2937



49.7045, 0.3596, 0.3451

Rectangle

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



49.7045, 0.3182, 0.3678



49.7045, 0.2818, 0.3390



49.7045, 0.3058, 0.2937



49.7045, 0.3441, 0.3185

Sweetspot

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



49.7066, 0.3182, 0.3678



93.1991, 0.3146, 0.3414



48.2207, 0.3367, 0.3545



19.9273, 0.3149, 0.3432



97.7402, 0.3127, 0.3290



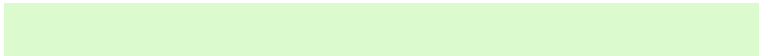
20.4902, 0.3127, 0.3290

Same Dimension

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



49.7066, 0.3182, 0.3678



87.7582, 0.3193, 0.3769



48.9082, 0.3070, 0.3612



11.4073, 0.3162, 0.3525



26.0445, 0.3157, 0.5875



1.1626, 0.3338, 0.5732

Inverse Universe

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



40.5781, 0.3063, 0.2913



68.3373, 0.3047, 0.2828



41.4955, 0.3190, 0.2988



10.0854, 0.3089, 0.3060



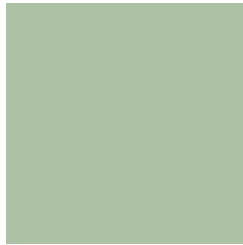
5.9208, 0.2444, 0.1120



0.2910, 0.2620, 0.1217

Previews

White Background



This preview shows how the Yxy color 49.7045, 0.3182, 0.3678 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 49.7045, 0.3182, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

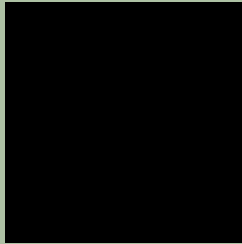
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7045, 0.3182, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 49.7045, 0.3182, 0.3678.



This preview shows how white text looks on a background with the Yxy color 49.7045, 0.3182, 0.3678.

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

49.7045, 0.3182, 0.3678

Protanopia

49.4268, 0.3413, 0.3608

Deuteranopia

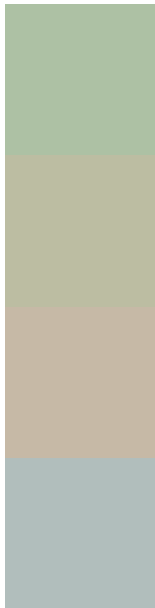
49.4296, 0.3520, 0.3449



Tritanopia

49.8144, 0.2951, 0.3112

Trichromacy



Original Color

49.7045, 0.3182, 0.3678

Protanomaly

49.6952, 0.3329, 0.3640

Deuteranomaly

49.4569, 0.3392, 0.3530

Tritanomaly

49.8049, 0.3037, 0.3316

Monochromacy



Original Color

49.7045, 0.3182, 0.3678

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.4183, 0.3146, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7045, 0.3182, 0.3678 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 193, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.7045, 0.3182, 0.3678 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, 193, 164) }
```

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

```
.border{ border-color:rgb(173, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 193,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7045, 0.3182, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 193, 164) }
```

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

```
.background{ background-color: rgb(173,  
193, 164) }
```

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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