

Converting Colors

$Y_{xy}(49.8418, 0.3530, 0.3165)$

Have a look what the booklet for
Yxy(49.8418, 0.3530, 0.3165)
contains.

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Color

Yxy(49.8418, 0.3530, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E4ADB8
RGB	228, 173, 184
RGB Percent	89%, 68%, 72%
CMY	0.1059, 0.3215, 0.2784
CMYK	0.00, 0.24, 0.19, 0.11
HSL	348°, 50%, 79%
HSV	348°, 24%, 89%
XYZ	55.5897, 49.8418, 52.0465
YIQ	190.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

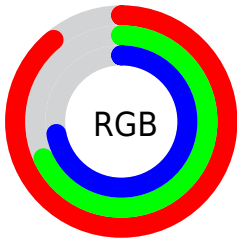
Format	Color
R _Y B	228, 173, 184
Decimal	14986680
CIE Lab	75.97, 21.71, 2.20
CIE LCh	76, 21.820, 5.774
Yxy	49.8418, 0.3530, 0.3165
Android (android.graphics.Color)	4293176760 (0xFFE4ADB8)
YUV	190.6990, -3.3026, 32.7130
Hunter-Lab	70.5987, 17.0039, 5.7096

Details

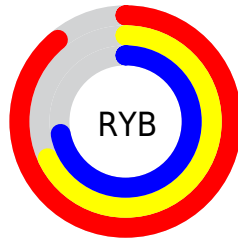
The Yxy color **49.8418, 0.3530, 0.3165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.3770, 0.2834, 0.3420**, and the grayscale version is **51.9253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5899, 0.3236, 0.3182**, and **23.8423, 0.3648, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **41.1171, 0.3767, 0.3110**, and if you desaturate by 10%, it is **60.1616, 0.3338, 0.3219**.

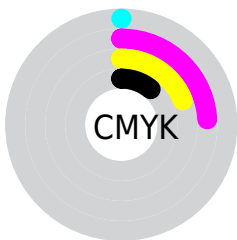
Distribution



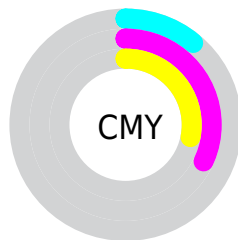
- Red (89%)
- Green (68%)
- Blue (72%)



- Red (89%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (11%)




- Cyan (11%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8418, 0.3530, 0.3165 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 49.8418, 0.3530, 0.3165 by changing the saturation by 10% instead.


 49.8418, 0.3530,
0.3165

 49.8418, 0.3530,
0.3165


386.0470, 0.3330,
0.3228

 35.2877, 0.3579,
0.3149


 89.9404, 0.3458,
0.3188

 23.8846, 0.3643,
0.3129


116.2538, 0.3431,
0.3197

 15.2480, 0.3726,
0.3101


147.2557, 0.3407,
0.3204

 8.9936, 0.3842,
0.3063


183.3305, 0.3388,
0.3210

 4.7370, 0.4012,
0.3005

224.8626, 0.3370,
0.3216

 2.0938, 0.4288,
0.2909

272.2365, 0.3355,

 0.6611, 0.4943,

0.3220

0.2724

325.8365, 0.3342,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8418, 0.3530,
0.3165

49.8418, 0.3530,
0.3165

41.1171, 0.3767,
0.3110

60.1616, 0.3338,
0.3219

33.9011, 0.4055,
0.3058

72.1434, 0.3182,
0.3270

28.1099, 0.4396,
0.3015

85.8589, 0.3057,
0.3317

23.6482, 0.4785,
0.2988

95.2329, 0.2964,
0.3290

■ 20.4094, 0.5200,
0.2987

■ 18.2701, 0.5603,
0.3021

■ 17.0806, 0.5943,
0.3089

■ 16.6874, 0.6102,
0.3135

Harmonies

Analogous

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



49.8418, 0.3252, 0.2954



49.8418, 0.3530, 0.3165



49.8418, 0.3698, 0.3413

Triad

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



49.8418, 0.3530, 0.3165



49.8418, 0.3282, 0.3810



49.8418, 0.2580, 0.2907

Complementary

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



49.8418, 0.3530, 0.3165



69.3770, 0.2834, 0.3420

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.



49.8418, 0.2588, 0.3123



49.8418, 0.3530, 0.3165



49.8418, 0.2984, 0.3664

Square

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



49.8418, 0.3530, 0.3165



49.8418, 0.3548, 0.3795



49.8418, 0.2733, 0.3404



49.8418, 0.2710, 0.2804

Rectangle

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



49.8418, 0.3530, 0.3165



49.8418, 0.3720, 0.3572



49.8418, 0.2733, 0.3404



49.8418, 0.2567, 0.2968

Sweetspot

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



49.8441, 0.3530, 0.3165



88.2497, 0.3224, 0.3255



50.1019, 0.3056, 0.2673



18.6833, 0.3233, 0.3252



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.



49.8441, 0.3530, 0.3165



58.3071, 0.3644, 0.3137



55.7278, 0.3589, 0.3469



14.4149, 0.3261, 0.3243



9.6500, 0.6069, 0.3117



0.7262, 0.5671, 0.2898

Inverse Universe

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



49.8441, 0.3530, 0.3165



58.3071, 0.3644, 0.3137



61.7802, 0.2757, 0.3103



14.4149, 0.3261, 0.3243



9.6500, 0.6069, 0.3117



0.7262, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 49.8418, 0.3530, 0.3165 looks on a white background.

Color Contrast Check

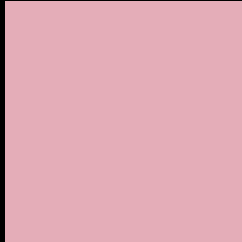
Large Text (above 18pt) WCAG AA × Fail

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 49.8418, 0.3530, 0.3165 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 49.8418, 0.3530, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 49.8418, 0.3530, 0.3165.



This preview shows how white text looks on a background with the Yxy color 49.8418, 0.3530, 0.3165.

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

49.8418, 0.3530, 0.3165

Protanopia

50.2936, 0.3114, 0.3227

Deuteranopia

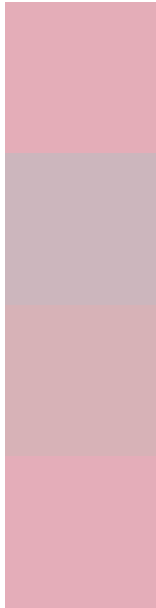
49.8350, 0.3354, 0.3279



Tritanopia

49.9263, 0.3512, 0.3142

Trichromacy



Original Color

49.8418, 0.3530, 0.3165

Protanomaly

49.9674, 0.3260, 0.3205

Deuteranomaly

49.7068, 0.3412, 0.3231

Tritanomaly

49.8839, 0.3521, 0.3154

Monochromacy



Original Color

49.8418, 0.3530, 0.3165

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7492, 0.3265, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8418, 0.3530, 0.3165 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(228, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(228, 173, 184)  
}
```

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(228, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 173, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.8418, 0.3530, 0.3165 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(228, 173, 184) }
```

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

```
.border{ border-color:rgb(228, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(228, 173,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8418, 0.3530, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 173, 184) }
```

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

```
.background{ background-color: rgb(228,  
173, 184) }
```

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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