

Converting Colors

$Y_{xy}(49.8413, 0.3340, 0.3175)$

Have a look what the booklet for
Yxy(49.8413, 0.3340, 0.3175)
contains.

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Color

Yxy(49.8681, 0.3342, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	D4B3BC
RGB	212, 179, 188
RGB Percent	83%, 70%, 74%
CMY	0.1684, 0.2981, 0.2627
CMYK	0.00, 0.16, 0.11, 0.17
HSL	344°, 28%, 77%
HSV	344°, 16%, 83%
XYZ	52.3592, 49.8681, 54.4429
YIQ	189.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

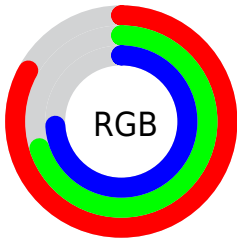
Format	Color
R _Y B	212, 179, 188
Decimal	13939644
CIE Lab	75.99, 13.38, -0.14
CIE LCh	76, 13.378, 359.396
Yxy	49.8681, 0.3342, 0.3183
Android (android.graphics.Color)	4292129724 (0xFFD4B3BC)
YUV	189.8930, -0.9332, 19.3878
Hunter-Lab	70.6173, 8.7683, 3.7222

Details

The Yxy color **49.8681, 0.3342, 0.3183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0077, 0.2950, 0.3400**, and the grayscale version is **51.4297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2083, 0.3205, 0.3203**, and **23.8391, 0.3398, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **41.3847, 0.3521, 0.3110**, and if you desaturate by 10%, it is **59.7341, 0.3196, 0.3253**.

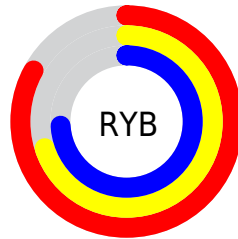
Distribution



Red (83%)

Green (70%)

Blue (74%)



Red (83%)

Yellow (70%)

Blue (74%)

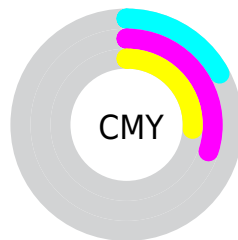


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (17%)



Cyan (17%)


Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8681, 0.3342, 0.3183 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 49.8681, 0.3342, 0.3183 by changing the saturation by 10% instead.


 49.8681, 0.3342,
0.3183

 49.8681, 0.3342,
0.3183

386.1499, 0.3236,
0.3236

 35.3086, 0.3368,
0.3170


 89.9794, 0.3304,
0.3202

 23.9007, 0.3402,
0.3153


116.3000, 0.3289,
0.3209

 15.2600, 0.3446,
0.3131


147.3098, 0.3277,
0.3215

 9.0020, 0.3507,
0.3101

183.3931, 0.3266,
0.3221

 4.7425, 0.3597,
0.3056

224.9344, 0.3257,
0.3225

 2.0970, 0.3743,
0.2983

272.3180, 0.3249,

 0.6629, 0.4082,

0.3229

0.2813

325.9284, 0.3242,
0.3233

0.0000, 0.0000,
0.0000

49.8681, 0.3342,
0.3183

49.8681, 0.3342,
0.3183

41.3847, 0.3521,
0.3110

59.7341, 0.3196,
0.3253

34.2153, 0.3740,
0.3036

71.0337, 0.3078,
0.3318

28.2958, 0.4003,
0.2965

83.8238, 0.2982,
0.3378

23.5539, 0.4314,
0.2905

92.4076, 0.2900,
0.3344

19.9097, 0.4666,
0.2866

92.7445, 0.2872,
0.3289

■ 17.2734, 0.5044,
0.2859

■ 15.5410, 0.5418,
0.2894

■ 14.5846, 0.5750,
0.2972

■ 14.3081, 0.5879,
0.3012

Harmonies

Analogous

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



49.8681, 0.3166, 0.3057



49.8681, 0.3342, 0.3183



49.8681, 0.3461, 0.3338

Triad

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



49.8681, 0.3342, 0.3183



49.8681, 0.3264, 0.3610



49.8681, 0.2780, 0.3081

Complementary

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



49.8681, 0.3342, 0.3183



61.0077, 0.2950, 0.3400

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.



49.8681, 0.2805, 0.3227



49.8681, 0.3342, 0.3183



49.8681, 0.3080, 0.3540

Square

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



49.8681, 0.3342, 0.3183



49.8681, 0.3414, 0.3588



49.8681, 0.2913, 0.3397



49.8681, 0.2845, 0.2996

Rectangle

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



49.8681, 0.3342, 0.3183



49.8681, 0.3489, 0.3440



49.8681, 0.2913, 0.3397



49.8681, 0.2778, 0.3124

Sweetspot

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



49.8703, 0.3342, 0.3183



91.5502, 0.3189, 0.3257



49.6429, 0.3067, 0.2898



19.3510, 0.3199, 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.



49.8703, 0.3342, 0.3183



70.8225, 0.3402, 0.3157



52.4399, 0.3406, 0.3377



12.4759, 0.3249, 0.3227



8.8430, 0.5843, 0.2992



0.5473, 0.5343, 0.2717

Inverse Universe

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



49.8703, 0.3342, 0.3183



70.8225, 0.3402, 0.3157



57.9465, 0.2889, 0.3202



12.4759, 0.3249, 0.3227



8.8430, 0.5843, 0.2992



0.5473, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 49.8681, 0.3342, 0.3183 looks on a white background.

Color Contrast Check

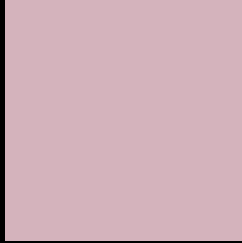
Large Text (above 18pt) WCAG AA × Fail

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 49.8681, 0.3342, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

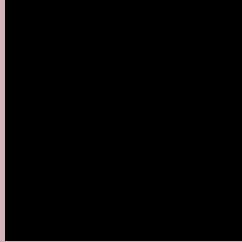
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8681, 0.3342, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 49.8681, 0.3342, 0.3183.



This preview shows how white text looks on a background with the Yxy color 49.8681, 0.3342, 0.3183.

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

49.8681, 0.3342, 0.3183

Protanopia

50.1652, 0.3105, 0.3227

Deuteranopia

50.0659, 0.3276, 0.3218



Tritanopia

49.7927, 0.3318, 0.3125

Trichromacy



Original Color

49.8681, 0.3342, 0.3183

Protanomaly

49.9129, 0.3182, 0.3204

Deuteranomaly

50.0885, 0.3304, 0.3206

Tritanomaly

49.7485, 0.3326, 0.3136

Monochromacy



Original Color

49.8681, 0.3342, 0.3183

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7977, 0.3204, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8681, 0.3342, 0.3183 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(212, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 179, 188)  
}
```

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(212, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 49.8681, 0.3342, 0.3183 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(212, 179, 188) }
```

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

```
.border{ border-color:rgb(212, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8681, 0.3342, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 179, 188) }
```

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

```
.background{ background-color: rgb(212,  
179, 188) }
```

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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