

Converting Colors

$Y_{xy}(49.8872, 0.3309, 0.3124)$

Have a look what the booklet for
Yxy(49.8872, 0.3309, 0.3124)
contains.

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Color

Yxy(49.6436, 0.3309, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	D4B2C0
RGB	212, 178, 192
RGB Percent	83%, 70%, 75%
CMY	0.1687, 0.3019, 0.2470
CMYK	0.00, 0.16, 0.09, 0.17
HSL	335°, 28%, 76%
HSV	335°, 16%, 83%
XYZ	52.5834, 49.6436, 56.6833
YIQ	189.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

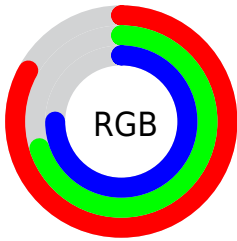
Format	Color
R _Y B	212, 178, 192
Decimal	13939392
CIE Lab	75.85, 14.56, -2.53
CIE LCh	76, 14.775, 350.149
Yxy	49.6436, 0.3309, 0.3124
Android (android.graphics.Color)	4292129472 (0xFFD4B2C0)
YUV	189.7620, 1.1033, 19.5027
Hunter-Lab	70.4582, 9.9139, 1.6222

Details

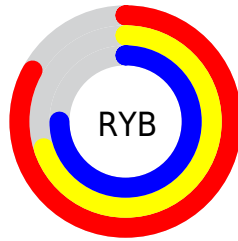
The Yxy color **49.6436, 0.3309, 0.3124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6227, 0.2975, 0.3462**, and the grayscale version is **51.3359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8829, 0.3180, 0.3154**, and **23.6994, 0.3353, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **41.3218, 0.3455, 0.3014**, and if you desaturate by 10%, it is **59.3202, 0.3189, 0.3230**.

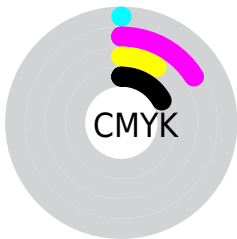
Distribution



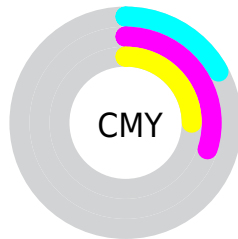
- Red (83%)
- Green (70%)
- Blue (75%)



- Red (83%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6436, 0.3309, 0.3124 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 49.6436, 0.3309, 0.3124 by changing the saturation by 10% instead.


 49.6436, 0.3309,
0.3124

 49.6436, 0.3309,
0.3124


385.2706, 0.3219,
0.3205

 35.1303, 0.3331,
0.3104


 89.6466, 0.3277,
0.3153

 23.7633, 0.3359,
0.3079


115.9051, 0.3265,
0.3164

 15.1581, 0.3396,
0.3046


146.8474, 0.3254,
0.3174

 8.9304, 0.3447,
0.3001

182.8580, 0.3245,
0.3182

 4.6958, 0.3521,
0.2935

224.3212, 0.3238,
0.3189

 2.0699, 0.3641,
0.2831

271.6214, 0.3231,

 0.6476, 0.3899,

0.3195

0.2583

325.1431, 0.3225,
0.3200

0.0000, 0.0000,
0.0000

49.6436, 0.3309,
0.3124

49.6436, 0.3309,
0.3124

41.3218, 0.3455,
0.3014

59.3202, 0.3189,
0.3230

34.2873, 0.3630,
0.2903

70.4018, 0.3090,
0.3328

28.4768, 0.3839,
0.2796

82.9444, 0.3009,
0.3420

23.8189, 0.4081,
0.2702

91.9178, 0.2941,
0.3426

20.2350, 0.4355,
0.2633

92.6921, 0.2875,
0.3296

■ 17.6362, 0.4652,
0.2600

■ 92.7349, 0.2872,
0.3289

■ 15.9191, 0.4954,
0.2617

■ 14.9554, 0.5241,
0.2686

■ 14.6885, 0.5351,
0.2722

Harmonies

Analogous

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



49.6436, 0.3106, 0.3002



49.6436, 0.3309, 0.3124



49.6436, 0.3466, 0.3288

Triad

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



49.6436, 0.3309, 0.3124



49.6436, 0.3335, 0.3648



49.6436, 0.2742, 0.3102

Complementary

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



49.6436, 0.3309, 0.3124



60.6227, 0.2975, 0.3462

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.



49.6436, 0.2799, 0.3277



49.6436, 0.3309, 0.3124



49.6436, 0.3138, 0.3602

Square

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



49.6436, 0.3309, 0.3124



49.6436, 0.3480, 0.3592



49.6436, 0.2942, 0.3464



49.6436, 0.2783, 0.2985

Rectangle

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



49.6436, 0.3309, 0.3124



49.6436, 0.3520, 0.3404



49.6436, 0.2942, 0.3464



49.6436, 0.2750, 0.3156

Sweetspot

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



49.6458, 0.3309, 0.3124



91.6597, 0.3178, 0.3239



48.5801, 0.3028, 0.2882



19.3775, 0.3186, 0.3232



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.



49.6458, 0.3309, 0.3124



71.1869, 0.3352, 0.3089



50.1929, 0.3423, 0.3325



12.5048, 0.3227, 0.3194



9.0882, 0.5315, 0.2702



0.5644, 0.4866, 0.2454

Inverse Universe

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



49.6458, 0.3309, 0.3124



71.1869, 0.3352, 0.3089



59.8956, 0.2885, 0.3255



12.5048, 0.3227, 0.3194



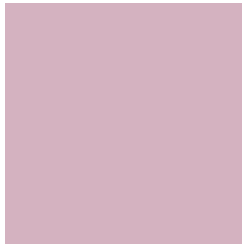
9.0882, 0.5315, 0.2702



0.5644, 0.4866, 0.2454

Previews

White Background



This preview shows how the Yxy color 49.6436, 0.3309, 0.3124 looks on a white background.

Color Contrast Check

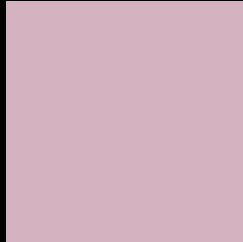
Large Text (above 18pt) WCAG AA × Fail

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 49.6436, 0.3309, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

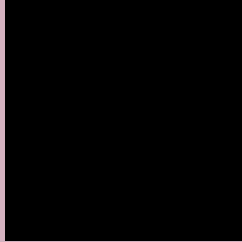
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6436, 0.3309, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 49.6436, 0.3309, 0.3124.



This preview shows how white text looks on a background with the Yxy color 49.6436, 0.3309, 0.3124.

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

49.6436, 0.3309, 0.3124

Protanopia

49.8404, 0.3060, 0.3152

Deuteranopia

49.5058, 0.3236, 0.3169



Tritanopia

49.6436, 0.3309, 0.3124

Trichromacy



Original Color

49.6436, 0.3309, 0.3124

Protanomaly

49.6774, 0.3151, 0.3143

Deuteranomaly

49.5259, 0.3263, 0.3157

Tritanomaly

49.6436, 0.3309, 0.3124

Monochromacy



Original Color

49.6436, 0.3309, 0.3124

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8852, 0.3189, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6436, 0.3309, 0.3124 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, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(212, 178, 192)  
}
```

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, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 178, 192) }
```

Border

The CSS property to change the border of an element to Yxy 49.6436, 0.3309, 0.3124 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, 178, 192) }
```

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

```
.border{ border-color:rgb(212, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 178,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6436, 0.3309, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 178, 192) }
```

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

```
.background{ background-color: rgb(212,  
178, 192) }
```

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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