

Converting Colors

$Yxy(49.4874, 0.3331, 0.3150)$

Have a look what the booklet for
Yxy(49.4874, 0.3331, 0.3150)
contains.

Yxy(49.5555, 0.3326, 0.3148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.5555, 0.3326, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	D4B2BE
RGB	212, 178, 190
RGB Percent	83%, 70%, 75%
CMY	0.1687, 0.3019, 0.2550
CMYK	0.00, 0.16, 0.10, 0.17
HSL	339°, 28%, 76%
HSV	339°, 16%, 83%
XYZ	52.3576, 49.5555, 55.5059
YIQ	189.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

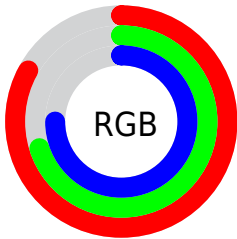
Format	Color
R _{YB}	212, 178, 190
Decimal	13939390
CIE Lab	75.80, 14.20, -1.50
CIE LCh	76, 14.282, 353.973
Yxy	49.5555, 0.3326, 0.3148
Android (android.graphics.Color)	4292129470 (0xFFD4B2BE)
YUV	189.5340, 0.2297, 19.7027
Hunter-Lab	70.3957, 9.5689, 2.5277

Details

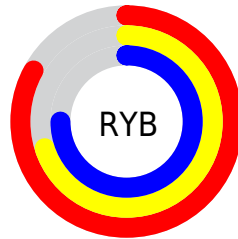
The Yxy color **49.5555, 0.3326, 0.3148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7110, 0.2962, 0.3437**, and the grayscale version is **51.2014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7595, 0.3193, 0.3173**, and **23.6415, 0.3377, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **41.1906, 0.3487, 0.3054**, and if you desaturate by 10%, it is **59.2847, 0.3194, 0.3238**.

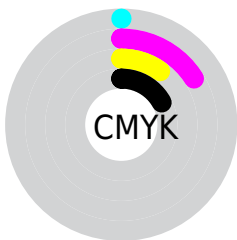
Distribution



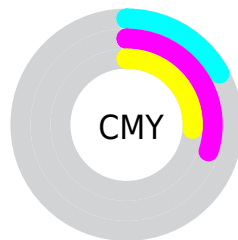
- Red (83%)
- Green (70%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5555, 0.3326, 0.3148 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 49.5555, 0.3326, 0.3148 by changing the saturation by 10% instead.

 49.5555, 0.3326,
0.3148

 49.5555, 0.3326,
0.3148


384.9251, 0.3228,
0.3218

 35.0603, 0.3350,
0.3131


 89.5159, 0.3291,
0.3173

 23.7094, 0.3381,
0.3109


115.7500, 0.3277,
0.3183

 15.1182, 0.3422,
0.3080


146.6658, 0.3266,
0.3191

 8.9024, 0.3478,
0.3041

182.6478, 0.3256,
0.3198

 4.6775, 0.3561,
0.2984

224.0803, 0.3248,
0.3204

 2.0593, 0.3694,
0.2892

271.3478, 0.3240,

 0.6416, 0.3996,

0.3209

0.2666

324.8346, 0.3234,
0.3214

0.0000, 0.0000,
0.0000

49.5555, 0.3326,
0.3148

49.5555, 0.3326,
0.3148

41.1906, 0.3487,
0.3054

59.2847, 0.3194,
0.3238

34.1223, 0.3681,
0.2958

70.4291, 0.3087,
0.3323

28.2869, 0.3914,
0.2867

83.0447, 0.2999,
0.3401

23.6125, 0.4186,
0.2788

92.0997, 0.2925,
0.3394

20.0200, 0.4495,
0.2732

92.7329, 0.2871,
0.3289

■ 17.4200, 0.4828,
0.2712

■ 15.7086, 0.5164,
0.2739

■ 14.7570, 0.5475,
0.2817

■ 14.4961, 0.5592,
0.2854

Harmonies

Analogous

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



49.5555, 0.3133, 0.3023



49.5555, 0.3326, 0.3148



49.5555, 0.3468, 0.3310

Triad

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



49.5555, 0.3326, 0.3148



49.5555, 0.3306, 0.3636



49.5555, 0.2754, 0.3090

Complementary

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



49.5555, 0.3326, 0.3148



60.7110, 0.2962, 0.3437

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.



49.5555, 0.2797, 0.3255



49.5555, 0.3326, 0.3148



49.5555, 0.3112, 0.3579

Square

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



49.5555, 0.3326, 0.3148



49.5555, 0.3455, 0.3594



49.5555, 0.2927, 0.3437



49.5555, 0.2806, 0.2986

Rectangle

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



49.5555, 0.3326, 0.3148



49.5555, 0.3511, 0.3421



49.5555, 0.2927, 0.3437



49.5555, 0.2758, 0.3140

Sweetspot

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



49.5577, 0.3326, 0.3148



91.6125, 0.3183, 0.3247



48.8139, 0.3042, 0.2884



19.3661, 0.3191, 0.3241



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.



49.5577, 0.3326, 0.3148



71.0287, 0.3374, 0.3118



50.8879, 0.3420, 0.3345



12.4923, 0.3236, 0.3208



8.9691, 0.5555, 0.2834



0.5564, 0.5072, 0.2568

Inverse Universe

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



49.5577, 0.3326, 0.3148



71.0287, 0.3374, 0.3118



59.0608, 0.2884, 0.3234



12.4923, 0.3236, 0.3208



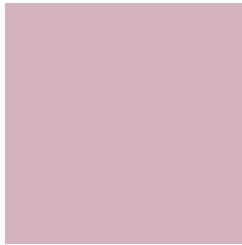
8.9691, 0.5555, 0.2834



0.5564, 0.5072, 0.2568

Previews

White Background



This preview shows how the Yxy color 49.5555, 0.3326, 0.3148 looks on a white background.

Color Contrast Check

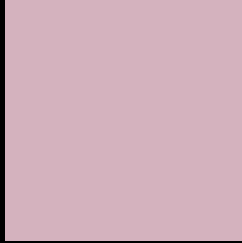
Large Text (above 18pt) WCAG AA × Fail

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 49.5555, 0.3326, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

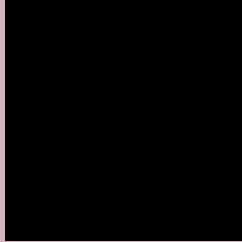
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5555, 0.3326, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 49.5555, 0.3326, 0.3148.



This preview shows how white text looks on a background with the Yxy color 49.5555, 0.3326, 0.3148.

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

49.5555, 0.3326, 0.3148

Protanopia

49.7493, 0.3075, 0.3177

Deuteranopia

49.5592, 0.3261, 0.3193



Tritanopia

49.6436, 0.3309, 0.3124

Trichromacy



Original Color

49.5555, 0.3326, 0.3148

Protanomaly

49.5875, 0.3167, 0.3167

Deuteranomaly

49.5820, 0.3288, 0.3182

Tritanomaly

49.5994, 0.3318, 0.3136

Monochromacy



Original Color

49.5555, 0.3326, 0.3148

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8413, 0.3196, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5555, 0.3326, 0.3148 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(212, 178, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 178, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.5555, 0.3326, 0.3148 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, 190) }
```

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

```
.border{ border-color:rgb(212, 178, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(212, 178,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5555, 0.3326, 0.3148 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, 190) }
```

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

```
.background{ background-color: rgb(212,  
178, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor