

Converting Colors

$Yxy(48.6454, 0.3458, 0.3331)$

Have a look what the booklet for
Yxy(48.6454, 0.3458, 0.3331)
contains.

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Color

Yxy(48.8938, 0.3464, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	D4B2AE
RGB	212, 178, 174
RGB Percent	83%, 70%, 68%
CMY	0.1684, 0.3020, 0.3176
CMYK	0.00, 0.16, 0.18, 0.17
HSL	6°, 31%, 76%
HSV	6°, 18%, 83%
XYZ	50.7242, 48.8938, 46.8145
YIQ	187.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

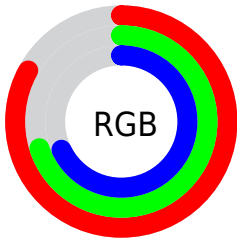
Format	Color
R _Y B	212, 178, 174
Decimal	13939374
CIE Lab	75.39, 11.66, 6.61
CIE LCh	75, 13.407, 29.536
Yxy	48.8938, 0.3464, 0.3339
Android (android.graphics.Color)	4292129454 (0xFFD4B2AE)
YUV	187.7100, -6.7590, 21.3023
Hunter-Lab	69.9241, 7.1199, 9.2520

Details

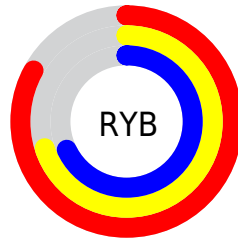
The Yxy color **48.8938, 0.3464, 0.3339** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.9091, 0.2856, 0.3240**, and the grayscale version is **50.1503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7628, 0.3303, 0.3340**, and **23.2405, 0.3557, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **41.0921, 0.3713, 0.3369**, and if you desaturate by 10%, it is **57.8767, 0.3261, 0.3311**.

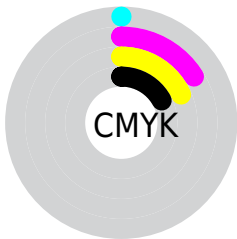
Distribution



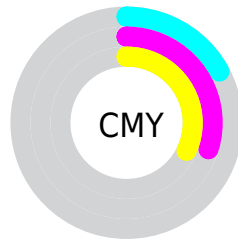
- Red (83%)
- Green (70%)
- Blue (68%)



- Red (83%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8938, 0.3464, 0.3339 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 48.8938, 0.3464, 0.3339 by changing the saturation by 10% instead.


 48.8938, 0.3464,
0.3339

 48.8938, 0.3464,
0.3339


382.3241, 0.3296,
0.3317

 34.5352, 0.3506,
0.3344


 88.5337, 0.3403,
0.3331

 23.3051, 0.3560,
0.3350


114.5838, 0.3380,
0.3328

 14.8189, 0.3631,
0.3357


145.3000, 0.3361,
0.3326

 8.6924, 0.3731,
0.3365

181.0665, 0.3344,
0.3324

 4.5411, 0.3879,
0.3375

222.2677, 0.3329,
0.3322

 1.9806, 0.4123,
0.3384

269.2881, 0.3317,

 0.5962, 0.5209,

0.3320

0.3647

322.5121, 0.3306,
0.3318

0.0000, 0.0000,
0.0000

48.8938, 0.3464,
0.3339

48.8938, 0.3464,
0.3339

41.0921, 0.3713,
0.3369

57.8767, 0.3261,
0.3311

34.4163, 0.4017,
0.3398

68.0803, 0.3096,
0.3285

28.8162, 0.4378,
0.3425

79.5503, 0.2961,
0.3261

24.2354, 0.4794,
0.3444

92.0785, 0.2871,
0.3279

20.6124, 0.5243,
0.3452

92.7452, 0.2872,
0.3289

■ 17.8789, 0.5680,
0.3441

■ 15.9576, 0.6046,
0.3411

■ 14.7556, 0.6287,
0.3366

■ 14.5841, 0.6325,
0.3360

Harmonies

Analogous

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



48.8938, 0.3345, 0.3183



48.8938, 0.3464, 0.3339



48.8938, 0.3490, 0.3488

Triad

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



48.8938, 0.3464, 0.3339



48.8938, 0.3079, 0.3542



48.8938, 0.2843, 0.2993

Complementary

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



48.8938, 0.3464, 0.3339



58.9091, 0.2856, 0.3240

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.



48.8938, 0.2777, 0.3078



48.8938, 0.3464, 0.3339



48.8938, 0.2911, 0.3398

Square

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



48.8938, 0.3464, 0.3339



48.8938, 0.3264, 0.3613



48.8938, 0.2801, 0.3226



48.8938, 0.2984, 0.2987

Rectangle

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



48.8938, 0.3464, 0.3339



48.8938, 0.3451, 0.3564



48.8938, 0.2801, 0.3226



48.8938, 0.2811, 0.3013

Sweetspot

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



48.8960, 0.3464, 0.3339



92.1352, 0.3210, 0.3303



48.8488, 0.3179, 0.2890



19.4924, 0.3222, 0.3305



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.



48.8960, 0.3464, 0.3339



68.9246, 0.3565, 0.3352



56.9206, 0.3425, 0.3562



12.6273, 0.3289, 0.3315



9.0683, 0.6311, 0.3371



0.6194, 0.6081, 0.3553

Inverse Universe

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



58.9091, 0.2856, 0.3240



87.1892, 0.2795, 0.3228



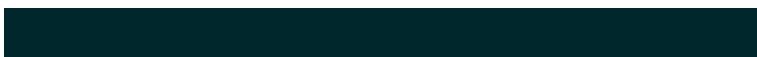
50.2505, 0.2844, 0.3003



13.8760, 0.2983, 0.3265



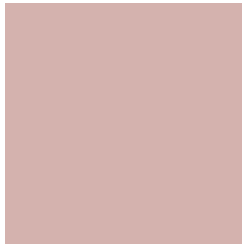
25.7227, 0.2156, 0.2961



1.6166, 0.2173, 0.3022

Previews

White Background



This preview shows how the Yxy color 48.8938, 0.3464, 0.3339 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 48.8938, 0.3464, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

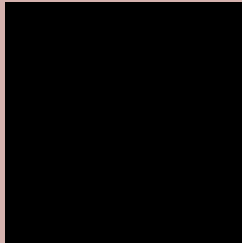
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8938, 0.3464, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 48.8938, 0.3464, 0.3339.



This preview shows how white text looks on a background with the Yxy color 48.8938, 0.3464, 0.3339.

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

48.8938, 0.3464, 0.3339

Protanopia

48.9886, 0.3233, 0.3379

Deuteranopia

48.7061, 0.3425, 0.3352



Tritanopia

49.0209, 0.3355, 0.3136

Trichromacy



Original Color

48.8938, 0.3464, 0.3339

Protanomaly

48.7723, 0.3315, 0.3353

Deuteranomaly

48.8515, 0.3434, 0.3352

Tritanomaly

49.0511, 0.3388, 0.3207

Monochromacy



Original Color

48.8938, 0.3464, 0.3339

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5702, 0.3246, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8938, 0.3464, 0.3339 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 178, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.8938, 0.3464, 0.3339 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, 174) }
```

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

```
.border{ border-color:rgb(212, 178, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8938, 0.3464, 0.3339 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, 174) }
```

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

```
.background{ background-color: rgb(212,  
178, 174) }
```

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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