

Converting Colors

$Yxy(43.4206, 0.3667, 0.3254)$

Have a look what the booklet for
Yxy(43.4206, 0.3667, 0.3254)
contains.

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Color

Yxy(43.3857, 0.3674, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DCA1A4
RGB	220, 161, 164
RGB Percent	86%, 63%, 64%
CMY	0.1373, 0.3686, 0.3569
CMYK	0.00, 0.27, 0.25, 0.14
HSL	357°, 46%, 75%
HSV	357°, 27%, 86%
XYZ	48.9555, 43.3857, 40.9073
YIQ	178.9830, 34.2010, 13.4410

Conversions

Conversions Part 2

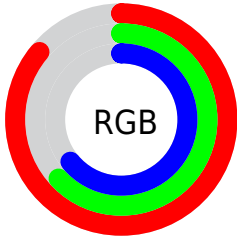
Format	Color
RYB	220, 161, 164
Decimal	14459300
CIELab	71.82, 22.28, 7.09
CIELCh	72, 23.381, 17.658
Yxy	43.3857, 0.3674, 0.3256
Android (android.graphics.Color)	4292649380 (0xFFDCA1A4)
YUV	178.9830, -7.3866, 35.9719
Hunter-Lab	65.8678, 17.3993, 9.2854

Details

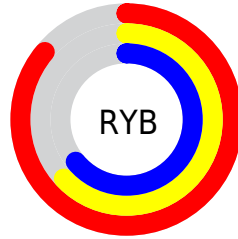
The Yxy color **43.3857, 0.3674, 0.3256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.7663, 0.2754, 0.3325**, and the grayscale version is **45.0965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4862, 0.3394, 0.3261**, and **19.9996, 0.3845, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **35.6690, 0.3974, 0.3243**, and if you desaturate by 10%, it is **52.5829, 0.3431, 0.3269**.

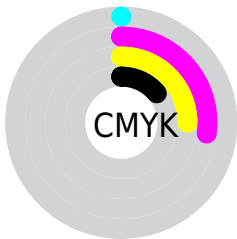
Distribution



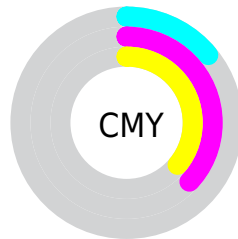
- Red (86%)
- Green (63%)
- Blue (64%)



- Red (86%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (14%)




- Cyan (14%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3857, 0.3674, 0.3256 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 43.3857, 0.3674, 0.3256 by changing the saturation by 10% instead.


 43.3857, 0.3674,
0.3256


 43.3857, 0.3674,
0.3256

360.1956, 0.3395,
0.3278

 30.1879, 0.3745,
0.3249


 80.2926, 0.3571,
0.3265

 19.9812, 0.3838,
0.3239


 104.7704, 0.3533,
0.3268

 12.3814, 0.3962,
0.3224


133.7770, 0.3501,
0.3271

 7.0040, 0.4139,
0.3200

167.6968, 0.3474,
0.3273

 3.4646, 0.4408,
0.3158

206.9141, 0.3450,
0.3274

 1.3788, 0.4864,
0.3069

251.8134, 0.3429,

 0.2010, 0.7852,

0.3276

0.2148

302.7791, 0.3411,
0.3277

0.0000, 0.0000,
0.0000

43.3857, 0.3674,
0.3256

43.3857, 0.3674,
0.3256

35.6690, 0.3974,
0.3243

52.5829, 0.3431,
0.3269

29.3500, 0.4338,
0.3232

63.3260, 0.3237,
0.3282

24.3467, 0.4763,
0.3224

75.6837, 0.3081,
0.3294

20.5663, 0.5228,
0.3223

89.7187, 0.2956,
0.3304

17.9039, 0.5685,
0.3231

93.9529, 0.2917,
0.3289

■ 16.2370, 0.6065,
0.3249

■ 15.4083, 0.6308,
0.3273

■ 15.2372, 0.6358,
0.3276

Harmonies

Analogous

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



43.3857, 0.3399, 0.3000



43.3857, 0.3674, 0.3256



43.3857, 0.3794, 0.3532

Triad

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



43.3857, 0.3674, 0.3256



43.3857, 0.3166, 0.3832



43.3857, 0.2556, 0.2799

Complementary

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



43.3857, 0.3674, 0.3256



63.7663, 0.2754, 0.3325

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.



43.3857, 0.2503, 0.2992



43.3857, 0.3674, 0.3256



43.3857, 0.2844, 0.3606

Square

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



43.3857, 0.3674, 0.3256



43.3857, 0.3490, 0.3886



43.3857, 0.2605, 0.3288



43.3857, 0.2754, 0.2741

Rectangle

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



43.3857, 0.3674, 0.3256



43.3857, 0.3767, 0.3697



43.3857, 0.2605, 0.3288



43.3857, 0.2521, 0.2849

Sweetspot

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



43.3877, 0.3674, 0.3256



86.4823, 0.3259, 0.3280



45.2682, 0.3124, 0.2619



18.0019, 0.3287, 0.3278



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.



43.3877, 0.3674, 0.3256



54.4953, 0.3830, 0.3249



53.1441, 0.3625, 0.3593



13.0621, 0.3284, 0.3279



8.9490, 0.6344, 0.3268



0.5836, 0.6176, 0.3176

Inverse Universe

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



43.3877, 0.3674, 0.3256



54.4953, 0.3830, 0.3249



51.5203, 0.2706, 0.2966



13.0621, 0.3284, 0.3279



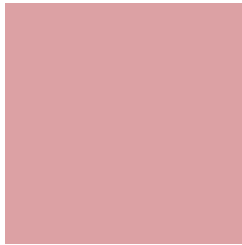
8.9490, 0.6344, 0.3268



0.5836, 0.6176, 0.3176

Previews

White Background



This preview shows how the Yxy color 43.3857, 0.3674, 0.3256 looks on a white background.

Color Contrast Check

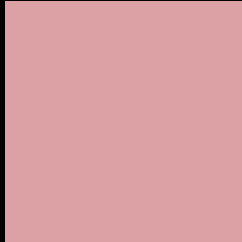
Large Text (above 18pt) WCAG AA × Fail

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 43.3857, 0.3674, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

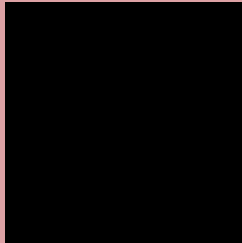
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3857, 0.3674, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 43.3857, 0.3674, 0.3256.



This preview shows how white text looks on a background with the Yxy color 43.3857, 0.3674, 0.3256.

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

43.3857, 0.3674, 0.3256

Protanopia

43.7325, 0.3195, 0.3344

Deuteranopia

43.5002, 0.3468, 0.3394



Tritanopia

43.4923, 0.3608, 0.3149

Trichromacy



Original Color

43.3857, 0.3674, 0.3256

Protanomaly

43.5925, 0.3365, 0.3316

Deuteranomaly

43.5472, 0.3542, 0.3341

Tritanomaly

43.3783, 0.3637, 0.3184

Monochromacy



Original Color

43.3857, 0.3674, 0.3256

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0304, 0.3310, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3857, 0.3674, 0.3256 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(220, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 164)  
}
```

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(220, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.3857, 0.3674, 0.3256 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(220, 161, 164) }
```

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

```
.border{ border-color:rgb(220, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(220, 161,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3857, 0.3674, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 164) }
```

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

```
.background{ background-color: rgb(220,  
161, 164) }
```

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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