

Converting Colors

$Y_{xy}(35.0299, 0.3924, 0.3343)$

Have a look what the booklet for
Yxy(35.0299, 0.3924, 0.3343)
contains.

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Color

Yxy(35.0299, 0.3924, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	D38E8A
RGB	211, 142, 138
RGB Percent	83%, 56%, 54%
CMY	0.1727, 0.4431, 0.4588
CMYK	0.00, 0.33, 0.35, 0.17
HSL	3°, 45%, 68%
HSV	3°, 35%, 83%
XYZ	41.1180, 35.0299, 28.6380
YIQ	162.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

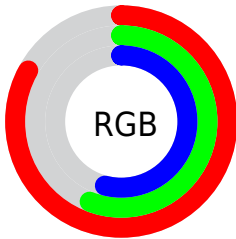
Format	Color
R _Y B	211, 142, 138
Decimal	13864586
CIE Lab	65.77, 25.69, 12.84
CIE LCh	66, 28.720, 26.566
Yxy	35.0299, 0.3924, 0.3343
Android (android.graphics.Color)	4292054666 (0xFFD38E8A)
YUV	162.1750, -11.9183, 42.8195
Hunter-Lab	59.1861, 20.4326, 12.7420

Details

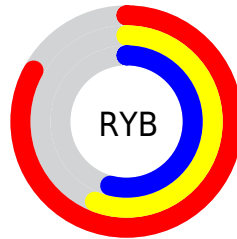
The Yxy color **35.0299, 0.3924, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7052, 0.2634, 0.3236**, and the grayscale version is **36.2604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5014, 0.3648, 0.3343**, and **15.0568, 0.4181, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **29.0669, 0.4278, 0.3358**, and if you desaturate by 10%, it is **42.1758, 0.3631, 0.3327**.

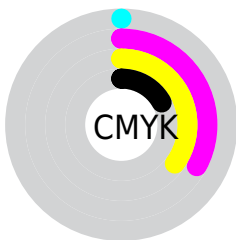
Distribution



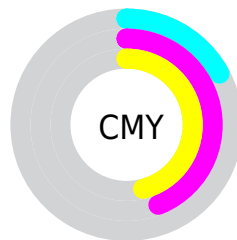
- Red (83%)
- Green (56%)
- Blue (54%)



- Red (83%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0299, 0.3924, 0.3343 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 35.0299, 0.3924, 0.3343 by changing the saturation by 10% instead.


 35.0299, 0.3924,
0.3343

 35.0299, 0.3924,
0.3343


324.7003, 0.3502,
0.3327

 23.6859, 0.4037,
0.3343


 67.5321, 0.3765,
0.3340

 15.1008, 0.4186,
0.3341

 89.4591, 0.3707,
0.3338

 8.8902, 0.4391,
0.3332


 115.6825, 0.3659,
0.3336

 4.6696, 0.4692,
0.3309

146.5868, 0.3618,
0.3334

 2.0547, 0.5168,
0.3246

182.5563, 0.3583,
0.3332

 0.6390, 0.6702,
0.3298

223.9755, 0.3553,


 0.0000, 1.0000,


0.3330

0.0000


271.2287, 0.3526,
0.3328


 0.0000, 0.0000,
0.0000


 35.0299, 0.3924,
0.3343


 35.0299, 0.3924,
0.3343


 29.0669, 0.4278,
0.3358


 42.1758, 0.3631,
0.3327

 24.2182, 0.4693,
0.3370

 50.5580, 0.3394,
0.3311


 20.4161, 0.5151,
0.3376

 60.2332, 0.3202,
0.3296

 17.5834, 0.5611,
0.3373

 71.2528, 0.3048,
0.3283

 15.6325, 0.6008,
0.3359

 83.6654, 0.2923,
0.3271

■ 14.4595, 0.6276,
0.3335

■ 92.5845, 0.2866,
0.3289

■ 14.0986, 0.6367,
0.3327

Harmonies

Analogous

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



35.0299, 0.3608, 0.3002



35.0299, 0.3924, 0.3343



35.0299, 0.4006, 0.3694

Triad

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



35.0299, 0.3924, 0.3343



35.0299, 0.3040, 0.3951



35.0299, 0.2443, 0.2608

Complementary

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



35.0299, 0.3924, 0.3343



54.7052, 0.2634, 0.3236

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.



35.0299, 0.2318, 0.2800



35.0299, 0.3924, 0.3343



35.0299, 0.2645, 0.3589

Square

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



35.0299, 0.3924, 0.3343



35.0299, 0.3477, 0.4089



35.0299, 0.2388, 0.3153



35.0299, 0.2743, 0.2593

Rectangle

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



35.0299, 0.3924, 0.3343



35.0299, 0.3917, 0.3896



35.0299, 0.2388, 0.3153



35.0299, 0.2380, 0.2652

Sweetspot

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



35.0316, 0.3924, 0.3343



84.0441, 0.3303, 0.3304



36.5417, 0.3201, 0.2476



17.5448, 0.3331, 0.3307



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.



35.0316, 0.3924, 0.3343



46.4414, 0.4197, 0.3355



47.5732, 0.3770, 0.3785



11.9113, 0.3289, 0.3303



8.5592, 0.6356, 0.3335



0.5161, 0.6216, 0.3446

Inverse Universe

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



54.7052, 0.2634, 0.3236



81.3175, 0.2542, 0.3222



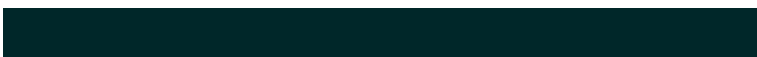
39.1686, 0.2568, 0.2736



13.2907, 0.2983, 0.3277



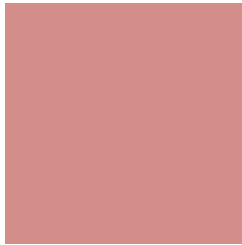
27.6425, 0.2200, 0.3118



1.5804, 0.2209, 0.3152

Previews

White Background



This preview shows how the Yxy color 35.0299, 0.3924, 0.3343 looks on a white background.

Color Contrast Check

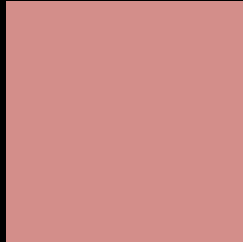
Large Text (above 18pt) WCAG AA × Fail

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 35.0299, 0.3924, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

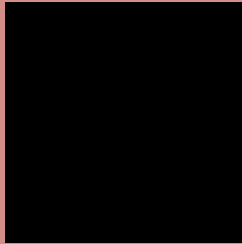
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0299, 0.3924, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 35.0299, 0.3924, 0.3343.



This preview shows how white text looks on a background with the Yxy color 35.0299, 0.3924, 0.3343.

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

35.0299, 0.3924, 0.3343

Protanopia

35.3552, 0.3304, 0.3481

Deuteranopia

35.0791, 0.3612, 0.3542



Tritanopia

34.9876, 0.3797, 0.3154

Trichromacy



Original Color

35.0299, 0.3924, 0.3343

Protanomaly

34.7412, 0.3513, 0.3417

Deuteranomaly

35.0882, 0.3722, 0.3467

Tritanomaly

35.1221, 0.3849, 0.3230

Monochromacy



Original Color

35.0299, 0.3924, 0.3343

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4459, 0.3398, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0299, 0.3924, 0.3343 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(211, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 138)  
}
```

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(211, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.0299, 0.3924, 0.3343 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(211, 142, 138) }
```

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

```
.border{ border-color:rgb(211, 142, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0299, 0.3924, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 142, 138) }
```

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

```
.background{ background-color: rgb(211,  
142, 138) }
```

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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