

Converting Colors

$Yxy(35.5489, 0.3895, 0.3189)$

Have a look what the booklet for
Yxy(35.5489, 0.3895, 0.3189)
contains.

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Color

Yxy(35.5088, 0.3898, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	DA8B94
RGB	218, 139, 148
RGB Percent	85%, 55%, 58%
CMY	0.1450, 0.4549, 0.4195
CMYK	0.00, 0.36, 0.32, 0.14
HSL	353°, 52%, 70%
HSV	353°, 36%, 86%
XYZ	43.4988, 35.5088, 32.5851
YIQ	163.6470, 44.1950, 19.5470

Conversions

Conversions Part 2

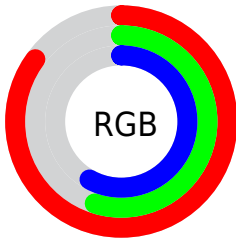
Format	Color
R _Y B	218, 139, 148
Decimal	14322580
CIE Lab	66.14, 31.25, 7.85
CIE LCh	66, 32.222, 14.097
Yxy	35.5088, 0.3898, 0.3182
Android (android.graphics.Color)	4292512660 (0xFFDA8B94)
YUV	163.6470, -7.7140, 47.6676
Hunter-Lab	59.5893, 26.0198, 9.2911

Details

The Yxy color **35.5088, 0.3898, 0.3182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2493, 0.2669, 0.3405**, and the grayscale version is **36.9708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6642, 0.3565, 0.3198**, and **15.4196, 0.4154, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **29.2530, 0.4232, 0.3154**, and if you desaturate by 10%, it is **43.1291, 0.3623, 0.3213**.

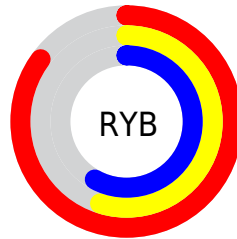
Distribution



Red (85%)

Green (55%)

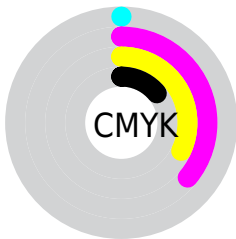
Blue (58%)



Red (85%)

Yellow (55%)

Blue (58%)

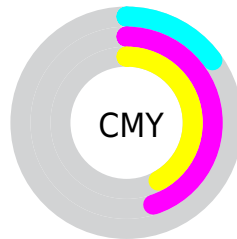


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (14%)



Cyan (15%)


Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5088, 0.3898, 0.3182 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 35.5088, 0.3898, 0.3182 by changing the saturation by 10% instead.


 35.5088, 0.3898,
0.3182


 35.5088, 0.3898,
0.3182


326.8085, 0.3492,
0.3246

 24.0551, 0.4006,
0.3162


 68.2732, 0.3746,
0.3208

 15.3745, 0.4149,
0.3135


 90.3527, 0.3690,
0.3217

 9.0826, 0.4345,
0.3094


 116.7429, 0.3643,
0.3224

 4.7951, 0.4633,
0.3028

147.8283, 0.3604,
0.3230

 2.1276, 0.5089,
0.2908

183.9931, 0.3570,
0.3235

 0.6801, 0.6395,
0.2812

225.6218, 0.3541,

 0.0000, 1.0000,

0.3239

0.0000

273.0988, 0.3515,
0.3243

0.0000, 0.0000,
0.0000

35.5088, 0.3898,
0.3182

35.5088, 0.3898,
0.3182

29.2530, 0.4232,
0.3154

43.1291, 0.3623,
0.3213

24.2761, 0.4624,
0.3133

52.1823, 0.3400,
0.3243

20.4911, 0.5061,
0.3125

62.7388, 0.3221,
0.3273

17.7980, 0.5507,
0.3135

74.8624, 0.3077,
0.3300

16.0802, 0.5906,
0.3167

88.6135, 0.2961,
0.3325

■ 15.1924, 0.6198,
0.3217

■ 93.6499, 0.2906,
0.3289

■ 14.9797, 0.6278,
0.3232

Harmonies

Analogous

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



35.5088, 0.3465, 0.2835



35.5088, 0.3898, 0.3182



35.5088, 0.4107, 0.3573

Triad

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



35.5088, 0.3898, 0.3182



35.5088, 0.3229, 0.4135



35.5088, 0.2287, 0.2596

Complementary

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



35.5088, 0.3898, 0.3182



60.2493, 0.2669, 0.3405

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.



35.5088, 0.2238, 0.2883



35.5088, 0.3898, 0.3182



35.5088, 0.2756, 0.3817

Square

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



35.5088, 0.3898, 0.3182



35.5088, 0.3696, 0.4160



35.5088, 0.2401, 0.3333



35.5088, 0.2541, 0.2503

Rectangle

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



35.5088, 0.3898, 0.3182



35.5088, 0.4084, 0.3822



35.5088, 0.2401, 0.3333



35.5088, 0.2247, 0.2670

Sweetspot

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



35.5105, 0.3898, 0.3182



81.8927, 0.3303, 0.3259



37.0527, 0.3082, 0.2373



17.0912, 0.3328, 0.3255



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.



35.5105, 0.3898, 0.3182



43.2323, 0.4165, 0.3159



45.2567, 0.3866, 0.3658



13.0756, 0.3274, 0.3264



8.9797, 0.6255, 0.3219



0.5900, 0.5918, 0.3034

Inverse Universe

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



35.5105, 0.3898, 0.3182



43.2323, 0.4165, 0.3159



46.4027, 0.2565, 0.2886



13.0756, 0.3274, 0.3264



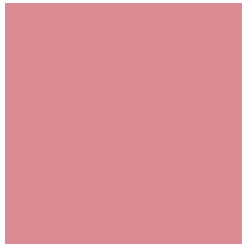
8.9797, 0.6255, 0.3219



0.5900, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 35.5088, 0.3898, 0.3182 looks on a white background.

Color Contrast Check

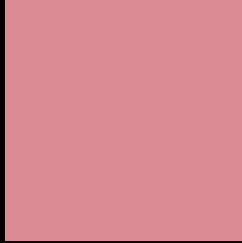
Large Text (above 18pt) WCAG AA × Fail

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 35.5088, 0.3898, 0.3182 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 35.5088, 0.3898, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 35.5088, 0.3898, 0.3182.



This preview shows how white text looks on a background with the Yxy color 35.5088, 0.3898, 0.3182.

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

35.5088, 0.3898, 0.3182

Protanopia

35.5722, 0.3166, 0.3290

Deuteranopia

35.5543, 0.3508, 0.3430



Tritanopia

35.5406, 0.3886, 0.3170

Trichromacy



Original Color

35.5088, 0.3898, 0.3182

Protanomaly

35.0471, 0.3416, 0.3236

Deuteranomaly

35.3060, 0.3652, 0.3332

Tritanomaly

35.5406, 0.3886, 0.3170

Monochromacy



Original Color

35.5088, 0.3898, 0.3182

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1017, 0.3390, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5088, 0.3898, 0.3182 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(218, 139, 148)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 148)  
}
```

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(218, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.5088, 0.3898, 0.3182 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(218, 139, 148) }
```

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

```
.border{ border-color:rgb(218, 139, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 139, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 139, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 139, 148);  
box-shadow:4px 4px 4px 4px rgb(218, 139,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5088, 0.3898, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 148) }
```

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

```
.background{ background-color: rgb(218,  
139, 148) }
```

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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