

Converting Colors

$Y_{xy}(35.3052, 0.3816, 0.3105)$

Have a look what the booklet for
Yxy(35.3052, 0.3816, 0.3105)
contains.

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Color

Yxy(35.3973, 0.3809, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	D88B9A
RGB	216, 139, 154
RGB Percent	85%, 55%, 60%
CMY	0.1530, 0.4549, 0.3961
CMYK	0.00, 0.36, 0.29, 0.15
HSL	348°, 50%, 70%
HSV	348°, 36%, 85%
XYZ	43.3811, 35.3973, 35.1126
YIQ	163.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

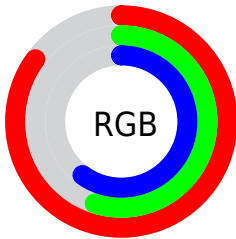
Format	Color
R _Y B	216, 139, 154
Decimal	14191514
CIE Lab	66.06, 31.27, 4.33
CIE LCh	66, 31.572, 7.877
Yxy	35.3973, 0.3809, 0.3108
Android (android.graphics.Color)	4292381594 (0xFFD88B9A)
YUV	163.7330, -4.7984, 45.8382
Hunter-Lab	59.4956, 26.0354, 6.6557

Details

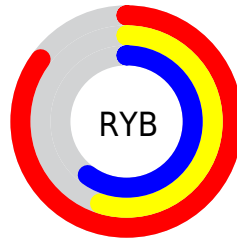
The Yxy color **35.3973, 0.3809, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8139, 0.2711, 0.3485**, and the grayscale version is **37.0004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9540, 0.3516, 0.3137**, and **15.3296, 0.4024, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **29.2110, 0.4106, 0.3058**, and if you desaturate by 10%, it is **42.9066, 0.3564, 0.3161**.

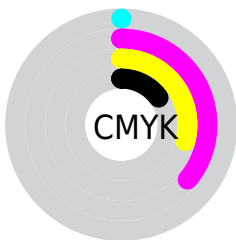
Distribution



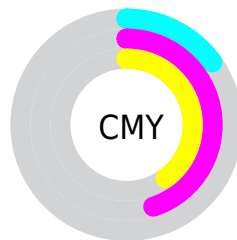
- Red (85%)
- Green (55%)
- Blue (60%)



- Red (85%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3973, 0.3809, 0.3108 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 35.3973, 0.3809, 0.3108 by changing the saturation by 10% instead.


 35.3973, 0.3809,
0.3108

 35.3973, 0.3809,
0.3108


326.3185, 0.3451,
0.3207


 23.9691, 0.3904,
0.3080


 68.1008, 0.3675,
0.3146

 15.3107, 0.4030,
0.3043


 90.1449, 0.3625,
0.3160

 9.0377, 0.4203,
0.2990

 116.4963, 0.3584,
0.3171

 4.7658, 0.4457,
0.2909

147.5396, 0.3549,
0.3181

 2.1105, 0.4862,
0.2774

183.6590, 0.3520,
0.3189

 0.6705, 0.5827,
0.2548

225.2391, 0.3494,

 0.0000, 1.0000,

0.3196

0.0000

272.6641, 0.3471,
0.3202

■ 0.0000, 0.0000,
0.0000

■ 35.3973, 0.3809,
0.3108

■ 35.3973, 0.3809,
0.3108

■ 29.2110, 0.4106,
0.3058

■ 42.9066, 0.3564,
0.3161

■ 24.2659, 0.4456,
0.3018

■ 51.8043, 0.3365,
0.3213

■ 20.4791, 0.4851,
0.2995

■ 62.1576, 0.3204,
0.3263

■ 17.7551, 0.5268,
0.2999

■ 74.0278, 0.3074,
0.3310

■ 15.9835, 0.5666,
0.3037

■ 87.4727, 0.2968,
0.3352

■ 15.0287, 0.5994,
0.3108

■ 93.3373, 0.2894,
0.3289

■ 14.7646, 0.6110,
0.3140

Harmonies

Analogous

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



35.3973, 0.3357, 0.2783



35.3973, 0.3809, 0.3108



35.3973, 0.4068, 0.3490

Triad

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



35.3973, 0.3809, 0.3108



35.3973, 0.3328, 0.4147



35.3973, 0.2275, 0.2652

Complementary

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



35.3973, 0.3809, 0.3108



58.8139, 0.2711, 0.3485

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.



35.3973, 0.2269, 0.2973



35.3973, 0.3809, 0.3108



35.3973, 0.2854, 0.3890

Square

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



35.3973, 0.3809, 0.3108



35.3973, 0.3769, 0.4114



35.3973, 0.2473, 0.3434



35.3973, 0.2484, 0.2520

Rectangle

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



35.3973, 0.3809, 0.3108



35.3973, 0.4086, 0.3741



35.3973, 0.2473, 0.3434



35.3973, 0.2250, 0.2738

Sweetspot

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



35.3990, 0.3809, 0.3108



82.0202, 0.3288, 0.3236



35.7876, 0.3023, 0.2372



17.1214, 0.3310, 0.3230



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.



35.3990, 0.3809, 0.3108



44.3962, 0.4035, 0.3069



42.3397, 0.3877, 0.3575



12.4599, 0.3261, 0.3245



8.7522, 0.6077, 0.3121



0.5397, 0.5601, 0.2859

Inverse Universe

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



35.3990, 0.3809, 0.3108



44.3962, 0.4035, 0.3069



48.5415, 0.2586, 0.2983



12.4599, 0.3261, 0.3245



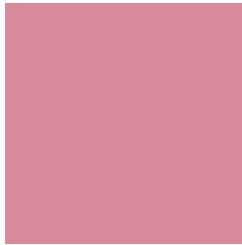
8.7522, 0.6077, 0.3121



0.5397, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 35.3973, 0.3809, 0.3108 looks on a white background.

Color Contrast Check

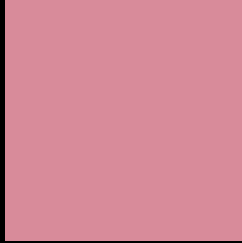
Large Text (above 18pt) WCAG AA × Fail

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 35.3973, 0.3809, 0.3108 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 35.3973, 0.3809, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 35.3973, 0.3809, 0.3108.



This preview shows how white text looks on a background with the Yxy color 35.3973, 0.3809, 0.3108.

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

35.3973, 0.3809, 0.3108

Protanopia

35.5762, 0.3093, 0.3203

Deuteranopia

35.3804, 0.3418, 0.3347



Tritanopia

35.5571, 0.3850, 0.3169

Trichromacy



Original Color

35.3973, 0.3809, 0.3108

Protanomaly

35.0102, 0.3336, 0.3153

Deuteranomaly

35.0993, 0.3557, 0.3251

Tritanomaly

35.5895, 0.3839, 0.3157

Monochromacy



Original Color

35.3973, 0.3809, 0.3108

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0480, 0.3360, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3973, 0.3809, 0.3108 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(216, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(216, 139, 154)  
}
```

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(216, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 139, 154) }
```

Border

The CSS property to change the border of an element to Yxy 35.3973, 0.3809, 0.3108 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(216, 139, 154) }
```

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

```
.border{ border-color:rgb(216, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(216, 139,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3973, 0.3809, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 139, 154) }
```

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

```
.background{ background-color: rgb(216,  
139, 154) }
```

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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