

Converting Colors

$Y_{xy}(39.3219, 0.3711, 0.3155)$

Have a look what the booklet for
Yxy(39.3219, 0.3711, 0.3155)
contains.

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Color

Yxy(39.2913, 0.3718, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	DA96A1
RGB	218, 150, 161
RGB Percent	85%, 59%, 63%
CMY	0.1450, 0.4118, 0.3686
CMYK	0.00, 0.31, 0.26, 0.15
HSL	350°, 48%, 72%
HSV	350°, 31%, 85%
XYZ	46.2587, 39.2913, 38.8683
YIQ	171.5860, 36.9970, 17.8370

Conversions

Conversions Part 2

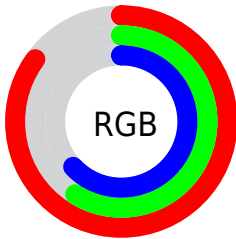
Format	Color
R _Y B	218, 150, 161
Decimal	14325409
CIE Lab	68.96, 27.08, 4.61
CIE LCh	69, 27.473, 9.660
Yxy	39.2913, 0.3718, 0.3158
Android (android.graphics.Color)	4292515489 (0xFFDA96A1)
YUV	171.5860, -5.2189, 40.7051
Hunter-Lab	62.6828, 22.0348, 7.1135

Details

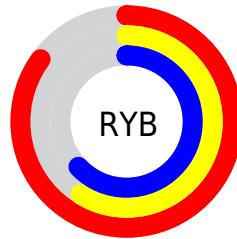
The Yxy color **39.2913, 0.3718, 0.3158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1440, 0.2743, 0.3429**, and the grayscale version is **41.0492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8805, 0.3433, 0.3179**, and **17.5425, 0.3902, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **32.3725, 0.4004, 0.3115**, and if you desaturate by 10%, it is **47.6024, 0.3484, 0.3202**.

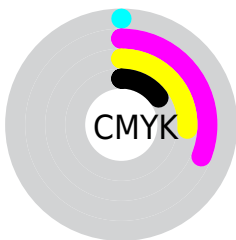
Distribution



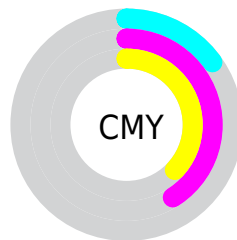
- Red (85%)
- Green (59%)
- Blue (63%)



- Red (85%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2913, 0.3718, 0.3158 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 39.2913, 0.3718, 0.3158 by changing the saturation by 10% instead.


 39.2913, 0.3718,
0.3158

 39.2913, 0.3718,
0.3158


343.1274, 0.3412,
0.3230

 26.9864, 0.3797,
0.3138


 74.0831, 0.3605,
0.3185

 17.5630, 0.3902,
0.3112


 97.3388, 0.3563,
0.3195

 10.6367, 0.4043,
0.3074


125.0136, 0.3528,
0.3203

 5.8231, 0.4247,
0.3018

157.4919, 0.3498,
0.3210

 2.7378, 0.4565,
0.2926

195.1580, 0.3472,
0.3216

 0.9964, 0.5143,
0.2759

238.3963, 0.3450,


 0.0000, 1.0000,


0.3221


0.0000


287.5913, 0.3430,
0.3226

 0.0000, 0.0000,
0.0000

 39.2913, 0.3718,
0.3158


 39.2913, 0.3718,
0.3158


 32.3725, 0.4004,
0.3115


 47.6024, 0.3484,
0.3202


 26.7645, 0.4346,
0.3078


 57.3706, 0.3296,
0.3245


 22.3858, 0.4740,
0.3053

 68.6629, 0.3143,
0.3285

 19.1435, 0.5167,
0.3049

 81.5410, 0.3021,
0.3323

 16.9315, 0.5589,
0.3072

 93.4808, 0.2920,
0.3316

■ 15.6233, 0.5951,
0.3124

■ 93.6492, 0.2906,
0.3289

■ 15.0323, 0.6188,
0.3182

Harmonies

Analogous

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



39.2913, 0.3348, 0.2872



39.2913, 0.3718, 0.3158



39.2913, 0.3923, 0.3487

Triad

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



39.2913, 0.3718, 0.3158



39.2913, 0.3278, 0.3996



39.2913, 0.2407, 0.2741

Complementary

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



39.2913, 0.3718, 0.3158



61.1440, 0.2743, 0.3429

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.



39.2913, 0.2392, 0.3009



39.2913, 0.3718, 0.3158



39.2913, 0.2878, 0.3769

Square

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



39.2913, 0.3718, 0.3158



39.2913, 0.3653, 0.3992



39.2913, 0.2559, 0.3390



39.2913, 0.2598, 0.2633

Rectangle

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



39.2913, 0.3718, 0.3158



39.2913, 0.3930, 0.3699



39.2913, 0.2559, 0.3390



39.2913, 0.2382, 0.2814

Sweetspot

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



39.2932, 0.3718, 0.3158



85.0439, 0.3260, 0.3254



40.0938, 0.3060, 0.2494



17.7221, 0.3285, 0.3248



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.



39.2932, 0.3718, 0.3158



49.7594, 0.3886, 0.3131



46.8717, 0.3750, 0.3565



13.0857, 0.3266, 0.3252



9.0141, 0.6159, 0.3167



0.5948, 0.5744, 0.2938

Inverse Universe

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



39.2932, 0.3718, 0.3158



49.7594, 0.3886, 0.3131



50.7325, 0.2647, 0.2996



13.0857, 0.3266, 0.3252



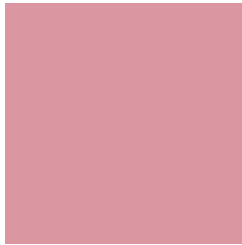
9.0141, 0.6159, 0.3167



0.5948, 0.5744, 0.2938

Previews

White Background



This preview shows how the Yxy color 39.2913, 0.3718, 0.3158 looks on a white background.

Color Contrast Check

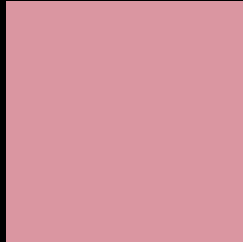
Large Text (above 18pt) WCAG AA × Fail

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 39.2913, 0.3718, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

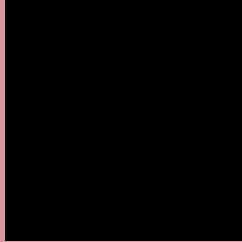
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2913, 0.3718, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 39.2913, 0.3718, 0.3158.



This preview shows how white text looks on a background with the Yxy color 39.2913, 0.3718, 0.3158.

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

39.2913, 0.3718, 0.3158

Protanopia

39.6035, 0.3129, 0.3249

Deuteranopia

39.5164, 0.3414, 0.3344



Tritanopia

39.2913, 0.3718, 0.3158

Trichromacy



Original Color

39.2913, 0.3718, 0.3158

Protanomaly

38.9711, 0.3333, 0.3211

Deuteranomaly

39.2711, 0.3525, 0.3265

Tritanomaly

39.2913, 0.3718, 0.3158

Monochromacy



Original Color

39.2913, 0.3718, 0.3158

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1969, 0.3329, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2913, 0.3718, 0.3158 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, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 150, 161)  
}
```

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, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 150, 161) }
```

Border

The CSS property to change the border of an element to Yxy 39.2913, 0.3718, 0.3158 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, 150, 161) }
```

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

```
.border{ border-color:rgb(218, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 150,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2913, 0.3718, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 150, 161) }
```

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

```
.background{ background-color: rgb(218,  
150, 161) }
```

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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