

Converting Colors

$Yxy(39.0918, 0.3686, 0.3153)$

Have a look what the booklet for
Yxy(39.0918, 0.3686, 0.3153)
contains.

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Color

Yxy(39.0203, 0.3687, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	D896A2
RGB	216, 150, 162
RGB Percent	85%, 59%, 64%
CMY	0.1530, 0.4117, 0.3647
CMYK	0.00, 0.31, 0.25, 0.15
HSL	349°, 46%, 72%
HSV	349°, 31%, 85%
XYZ	45.7449, 39.0203, 39.3057
YIQ	171.1020, 35.4840, 17.7240

Conversions

Conversions Part 2

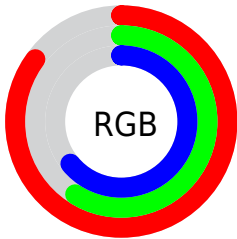
Format	Color
R _Y B	216, 150, 162
Decimal	14194338
CIE Lab	68.77, 26.47, 3.74
CIE LCh	69, 26.729, 8.048
Yxy	39.0203, 0.3687, 0.3145
Android (android.graphics.Color)	4292384418 (0xFFD896A2)
YUV	171.1020, -4.4873, 39.3755
Hunter-Lab	62.4662, 21.4023, 6.4193

Details

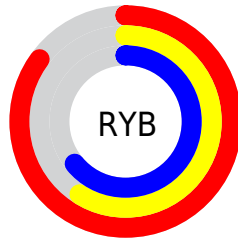
The Yxy color **39.0203, 0.3687, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9508, 0.2758, 0.3443**, and the grayscale version is **40.7893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9324, 0.3425, 0.3169**, and **17.3347, 0.3873, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **32.1670, 0.3961, 0.3097**, and if you desaturate by 10%, it is **47.2360, 0.3463, 0.3195**.

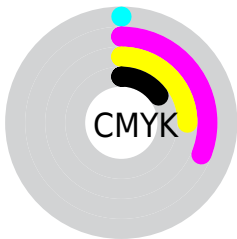
Distribution



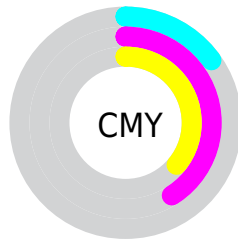
- Red (85%)
- Green (59%)
- Blue (64%)



- Red (85%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0203, 0.3687, 0.3145 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 39.0203, 0.3687, 0.3145 by changing the saturation by 10% instead.


 39.0203, 0.3687,
0.3145


 39.0203, 0.3687,
0.3145


341.9768, 0.3397,
0.3223

 26.7755, 0.3762,
0.3124


 73.6693, 0.3579,
0.3174

 17.4047, 0.3861,
0.3096


 96.8424, 0.3540,
0.3185

 10.5235, 0.3996,
0.3056


124.4269, 0.3506,
0.3194

 5.7474, 0.4190,
0.2998

156.8075, 0.3478,
0.3202

 2.6921, 0.4493,
0.2902

194.3683, 0.3454,
0.3208

 0.9732, 0.5041,
0.2729

237.4939, 0.3433,

 0.0000, 1.0000,

0.3214

0.0000

286.5686, 0.3414,
0.3218

■ 0.0000, 0.0000,
0.0000

■ 39.0203, 0.3687,
0.3145

■ 39.0203, 0.3687,
0.3145

■ 32.1670, 0.3961,
0.3097

■ 47.2360, 0.3463,
0.3195

■ 26.5971, 0.4290,
0.3054

■ 56.8766, 0.3281,
0.3243

■ 22.2319, 0.4671,
0.3024

■ 68.0074, 0.3134,
0.3288

■ 18.9817, 0.5088,
0.3015

■ 80.6880, 0.3016,
0.3329

■ 16.7441, 0.5505,
0.3036

■ 93.0425, 0.2919,
0.3337

■ 15.3978, 0.5875,
0.3089

■ 93.3374, 0.2894,
0.3289

■ 14.7457, 0.6141,
0.3157

Harmonies

Analogous

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



39.0203, 0.3321, 0.2869



39.0203, 0.3687, 0.3145



39.0203, 0.3897, 0.3466

Triad

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



39.0203, 0.3687, 0.3145



39.0203, 0.3297, 0.3983



39.0203, 0.2418, 0.2765

Complementary

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



39.0203, 0.3687, 0.3145



59.9508, 0.2758, 0.3443

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.



39.0203, 0.2414, 0.3034



39.0203, 0.3687, 0.3145



39.0203, 0.2905, 0.3773

Square

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



39.0203, 0.3687, 0.3145



39.0203, 0.3658, 0.3969



39.0203, 0.2586, 0.3409



39.0203, 0.2597, 0.2650

Rectangle

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



39.0203, 0.3687, 0.3145



39.0203, 0.3914, 0.3674



39.0203, 0.2586, 0.3409



39.0203, 0.2397, 0.2839

Sweetspot

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



39.0221, 0.3687, 0.3145



85.0705, 0.3258, 0.3249



39.5956, 0.3052, 0.2509



17.7286, 0.3281, 0.3243



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.



39.0221, 0.3687, 0.3145



49.8341, 0.3868, 0.3112



45.8891, 0.3737, 0.3546



12.4573, 0.3263, 0.3248



8.7404, 0.6110, 0.3139



0.5385, 0.5645, 0.2884

Inverse Universe

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



39.0221, 0.3687, 0.3145



49.8341, 0.3868, 0.3112



50.5157, 0.2659, 0.3018



12.4573, 0.3263, 0.3248



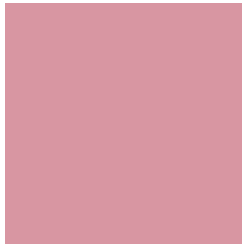
8.7404, 0.6110, 0.3139



0.5385, 0.5645, 0.2884

Previews

White Background



This preview shows how the Yxy color 39.0203, 0.3687, 0.3145 looks on a white background.

Color Contrast Check

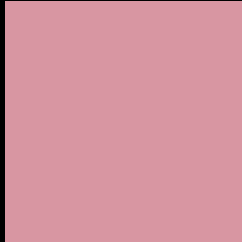
Large Text (above 18pt) WCAG AA × Fail

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 39.0203, 0.3687, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

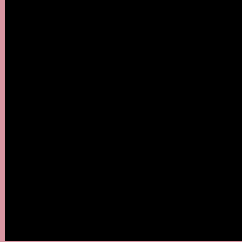
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0203, 0.3687, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 39.0203, 0.3687, 0.3145.



This preview shows how white text looks on a background with the Yxy color 39.0203, 0.3687, 0.3145.

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

39.0203, 0.3687, 0.3145

Protanopia

39.1620, 0.3112, 0.3221

Deuteranopia

38.9435, 0.3387, 0.3318



Tritanopia

39.0203, 0.3687, 0.3145

Trichromacy



Original Color

39.0203, 0.3687, 0.3145

Protanomaly

38.8817, 0.3314, 0.3197

Deuteranomaly

39.0327, 0.3495, 0.3252

Tritanomaly

39.0203, 0.3687, 0.3145

Monochromacy



Original Color

39.0203, 0.3687, 0.3145

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5863, 0.3311, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0203, 0.3687, 0.3145 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, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 150, 162)  
}
```

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, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 150, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.0203, 0.3687, 0.3145 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, 150, 162) }
```

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

```
.border{ border-color:rgb(216, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 150,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0203, 0.3687, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 150, 162) }
```

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

```
.background{ background-color: rgb(216,  
150, 162) }
```

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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