

Converting Colors

$Yxy(39.7323, 0.3413, 0.3272)$

Have a look what the booklet for
Yxy(39.7323, 0.3413, 0.3272)
contains.

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Color

Yxy(39.8225, 0.3418, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C1A2A3
RGB	193, 162, 163
RGB Percent	76%, 64%, 64%
CMY	0.2431, 0.3647, 0.3609
CMYK	0.00, 0.16, 0.16, 0.24
HSL	358°, 20%, 70%
HSV	358°, 16%, 76%
XYZ	41.5233, 39.8225, 40.1384
YIQ	171.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

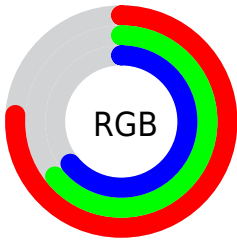
Format	Color
R_{YB}	193, 162, 163
Decimal	12690083
CIE _{Lab}	69.34, 11.53, 3.74
CIE _{LCh}	69, 12.125, 17.958
Yxy	39.8225, 0.3418, 0.3278
Android (android.graphics.Color)	4290880163 (0xFFC1A2A3)
YUV	171.3830, -4.1328, 18.9581
Hunter-Lab	63.1051, 7.0195, 6.4618

Details

The Yxy color **39.8225, 0.3418, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6322, 0.2894, 0.3302**, and the grayscale version is **40.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0117, 0.3363, 0.3280**, and **17.7885, 0.3513, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **32.9169, 0.3659, 0.3270**, and if you desaturate by 10%, it is **47.8743, 0.3225, 0.3286**.

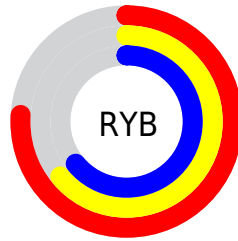
Distribution



Red (76%)

Green (64%)

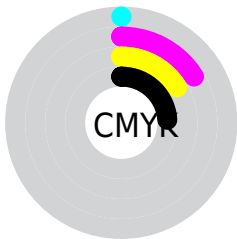
Blue (64%)



Red (76%)

Yellow (64%)

Blue (64%)

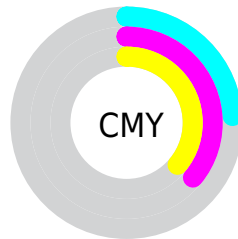


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8225, 0.3418, 0.3278 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 39.8225, 0.3418, 0.3278 by changing the saturation by 10% instead.

 39.8225, 0.3418,
0.3278


 39.8225, 0.3418,
0.3278


345.3749, 0.3268,
0.3286

 27.4002, 0.3457,
0.3276


 74.8931, 0.3362,
0.3281

 17.8740, 0.3508,
0.3272


 98.3103, 0.3342,
0.3282

 10.8596, 0.3578,
0.3267


126.1611, 0.3325,
0.3283

 5.9725, 0.3678,
0.3259

158.8300, 0.3310,
0.3284

 2.8284, 0.3837,
0.3243

196.7015, 0.3297,
0.3284

 1.0428, 0.4125,
0.3212

240.1599, 0.3286,

 0.0000, 1.0000,

0.3285

0.0000

289.5895, 0.3277,
0.3285

0.0000, 0.0000,
0.0000

39.8225, 0.3418,
0.3278

39.8225, 0.3418,
0.3278

32.9169, 0.3659,
0.3270

47.8743, 0.3225,
0.3286

27.1004, 0.3957,
0.3262

57.1155, 0.3070,
0.3293

22.3191, 0.4318,
0.3256

67.5935, 0.2946,
0.3299

18.5122, 0.4742,
0.3251

79.3515, 0.2846,
0.3305

15.6128, 0.5206,
0.3251

90.0784, 0.2768,
0.3289

■ 13.5455, 0.5666,
0.3256

■ 12.2227, 0.6054,
0.3267

■ 11.5336, 0.6304,
0.3282

■ 11.3517, 0.6369,
0.3282

Harmonies

Analogous

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



39.8225, 0.3276, 0.3133



39.8225, 0.3418, 0.3278



39.8225, 0.3480, 0.3430

Triad

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



39.8225, 0.3418, 0.3278



39.8225, 0.3151, 0.3571



39.8225, 0.2817, 0.3026

Complementary

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



39.8225, 0.3418, 0.3278



49.6322, 0.2894, 0.3302

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.



39.8225, 0.2786, 0.3135



39.8225, 0.3418, 0.3278



39.8225, 0.2976, 0.3454

Square

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



39.8225, 0.3418, 0.3278



39.8225, 0.3323, 0.3605



39.8225, 0.2844, 0.3292



39.8225, 0.2929, 0.2989

Rectangle

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



39.8225, 0.3418, 0.3278



39.8225, 0.3467, 0.3516



39.8225, 0.2844, 0.3292



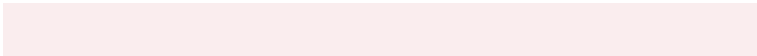
39.8225, 0.2797, 0.3055

Sweetspot

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



39.8243, 0.3418, 0.3278



87.2699, 0.3208, 0.3286



40.8959, 0.3136, 0.2896



18.4852, 0.3220, 0.3286



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8243, 0.3418, 0.3278



67.0989, 0.3490, 0.3276



45.1835, 0.3398, 0.3478



10.0829, 0.3284, 0.3283



7.5518, 0.6361, 0.3278



0.3281, 0.6219, 0.3199

Inverse Universe

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



39.8243, 0.3418, 0.3278



67.0989, 0.3490, 0.3276



43.5883, 0.2879, 0.3094



10.0829, 0.3284, 0.3283



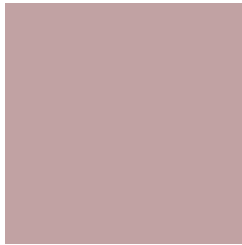
7.5518, 0.6361, 0.3278



0.3281, 0.6219, 0.3199

Previews

White Background



This preview shows how the Yxy color 39.8225, 0.3418, 0.3278 looks on a white background.

Color Contrast Check

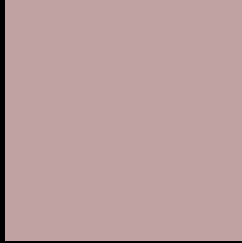
Large Text (above 18pt) WCAG AA × Fail

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 39.8225, 0.3418, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

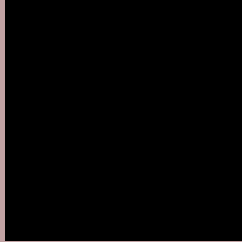
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8225, 0.3418, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 39.8225, 0.3418, 0.3278.



This preview shows how white text looks on a background with the Yxy color 39.8225, 0.3418, 0.3278.

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

39.8225, 0.3418, 0.3278

Protanopia

40.0502, 0.3181, 0.3318

Deuteranopia

39.8866, 0.3365, 0.3304



Tritanopia

39.6281, 0.3337, 0.3122

Trichromacy



Original Color

39.8225, 0.3418, 0.3278

Protanomaly

39.7289, 0.3258, 0.3290

Deuteranomaly

39.7859, 0.3387, 0.3291

Tritanomaly

39.8236, 0.3373, 0.3186

Monochromacy



Original Color

39.8225, 0.3418, 0.3278

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4161, 0.3229, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8225, 0.3418, 0.3278 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(193, 162, 163)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 163)  
}
```

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(193, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.8225, 0.3418, 0.3278 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(193, 162, 163) }
```

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

```
.border{ border-color:rgb(193, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8225, 0.3418, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 163) }
```

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

```
.background{ background-color: rgb(193,  
162, 163) }
```

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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