

Converting Colors

$Y_{xy}(39.6276, 0.3386, 0.3180)$

Have a look what the booklet for
Yxy(39.6276, 0.3386, 0.3180)
contains.

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Color

Yxy(39.6083, 0.3384, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C3A0A9
RGB	195, 160, 169
RGB Percent	76%, 63%, 66%
CMY	0.2355, 0.3725, 0.3373
CMYK	0.00, 0.18, 0.13, 0.24
HSL	345°, 23%, 70%
HSV	345°, 18%, 76%
XYZ	42.2289, 39.6083, 42.9527
YIQ	171.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

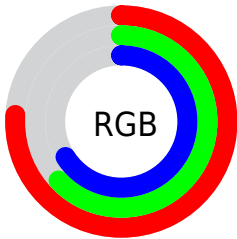
Format	Color
R _Y B	195, 160, 169
Decimal	12820649
CIE Lab	69.19, 14.33, 0.20
CIE LCh	69, 14.333, 0.791
Yxy	39.6083, 0.3384, 0.3174
Android (android.graphics.Color)	4291010729 (0xFFC3A0A9)
YUV	171.4910, -1.2281, 20.6174
Hunter-Lab	62.9351, 9.6354, 3.5897

Details

The Yxy color **39.6083, 0.3384, 0.3174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0309, 0.2921, 0.3409**, and the grayscale version is **40.9831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6781, 0.3338, 0.3199**, and **17.6722, 0.3465, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **32.8568, 0.3574, 0.3105**, and if you desaturate by 10%, it is **47.4836, 0.3229, 0.3240**.

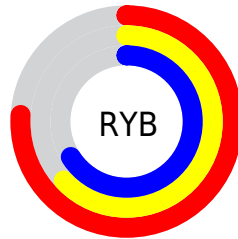
Distribution



Red (76%)

Green (63%)

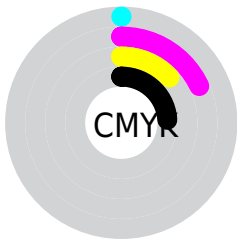
Blue (66%)



Red (76%)

Yellow (63%)

Blue (66%)

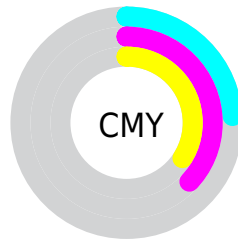


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6083, 0.3384, 0.3174 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 39.6083, 0.3384, 0.3174 by changing the saturation by 10% instead.

 39.6083, 0.3384,
0.3174


 39.6083, 0.3384,
0.3174


344.4698, 0.3252,
0.3234

 27.2333, 0.3418,
0.3158


 74.5667, 0.3335,
0.3196

 17.7485, 0.3463,
0.3138


 97.9188, 0.3317,
0.3204

 10.7696, 0.3524,
0.3111


125.6988, 0.3302,
0.3211

 5.9121, 0.3611,
0.3071

158.2910, 0.3289,
0.3217

 2.7917, 0.3749,
0.3008

196.0798, 0.3278,
0.3222

 1.0240, 0.3993,
0.2896

239.4496, 0.3268,

 0.0000, 1.0000,

0.3227

0.0000

288.7848, 0.3260,
0.3230

■ 0.0000, 0.0000,
0.0000

■ 39.6083, 0.3384,
0.3174

■ 39.6083, 0.3384,
0.3174

■ 32.8568, 0.3574,
0.3105

■ 47.4836, 0.3229,
0.3240

■ 27.1726, 0.3806,
0.3036

■ 56.5253, 0.3103,
0.3303

■ 22.5023, 0.4085,
0.2971

■ 66.7803, 0.3001,
0.3360

■ 18.7855, 0.4411,
0.2919

■ 78.2914, 0.2917,
0.3412

■ 15.9558, 0.4777,
0.2889

■ 89.4932, 0.2847,
0.3434

■ 13.9378, 0.5163,
0.2892

■ 90.3362, 0.2778,
0.3289

■ 12.6435, 0.5536,
0.2935

■ 11.9422, 0.5856,
0.3017

■ 11.8272, 0.5917,
0.3033

Harmonies

Analogous

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



39.6083, 0.3182, 0.3028



39.6083, 0.3384, 0.3174



39.6083, 0.3518, 0.3352

Triad

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



39.6083, 0.3384, 0.3174



39.6083, 0.3275, 0.3660



39.6083, 0.2728, 0.3041

Complementary

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



39.6083, 0.3384, 0.3174



50.0309, 0.2921, 0.3409

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.



39.6083, 0.2752, 0.3207



39.6083, 0.3384, 0.3174



39.6083, 0.3062, 0.3575

Square

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



39.6083, 0.3384, 0.3174



39.6083, 0.3452, 0.3638



39.6083, 0.2872, 0.3405



39.6083, 0.2807, 0.2948

Rectangle

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



39.6083, 0.3384, 0.3174



39.6083, 0.3547, 0.3469



39.6083, 0.2872, 0.3405



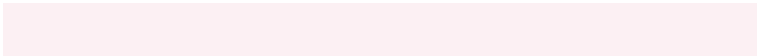
39.6083, 0.2724, 0.3089

Sweetspot

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



39.6101, 0.3384, 0.3174



89.4735, 0.3191, 0.3259



39.4817, 0.3063, 0.2840



19.3480, 0.3200, 0.3254



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.



39.6101, 0.3384, 0.3174



65.3837, 0.3463, 0.3144



42.2045, 0.3451, 0.3397



10.1194, 0.3249, 0.3231



7.7027, 0.5883, 0.3015



0.3445, 0.5227, 0.2653

Inverse Universe

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



39.6101, 0.3384, 0.3174



65.3837, 0.3463, 0.3144



46.8719, 0.2855, 0.3180



10.1194, 0.3249, 0.3231



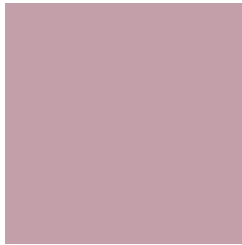
7.7027, 0.5883, 0.3015



0.3445, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 39.6083, 0.3384, 0.3174 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 39.6083, 0.3384, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

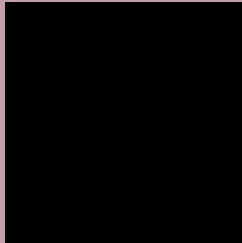
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6083, 0.3384, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 39.6083, 0.3384, 0.3174.



This preview shows how white text looks on a background with the Yxy color 39.6083, 0.3384, 0.3174.

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

39.6083, 0.3384, 0.3174

Protanopia

39.7192, 0.3104, 0.3207

Deuteranopia

39.8172, 0.3300, 0.3237



Tritanopia

39.7223, 0.3356, 0.3135

Trichromacy



Original Color

39.6083, 0.3384, 0.3174

Protanomaly

39.5921, 0.3206, 0.3196

Deuteranomaly

39.8404, 0.3331, 0.3224

Tritanomaly

39.6840, 0.3366, 0.3148

Monochromacy



Original Color

39.6083, 0.3384, 0.3174

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2430, 0.3222, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6083, 0.3384, 0.3174 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(195, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 169)  
}
```

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(195, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.6083, 0.3384, 0.3174 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(195, 160, 169) }
```

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

```
.border{ border-color:rgb(195, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6083, 0.3384, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 169) }
```

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

```
.background{ background-color: rgb(195,  
160, 169) }
```

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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