

Converting Colors

$Y_{xy}(40.1959, 0.3409, 0.3239)$

Have a look what the booklet for
Yxy(40.1959, 0.3409, 0.3239)
contains.

Yxy(40.1959, 0.3409, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.1959, 0.3409, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2A6
RGB	195, 162, 166
RGB Percent	76%, 64%, 65%
CMY	0.2353, 0.3647, 0.3491
CMYK	0.00, 0.17, 0.15, 0.24
HSL	353°, 22%, 70%
HSV	353°, 17%, 76%
XYZ	42.3056, 40.1959, 41.5982
YIQ	172.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

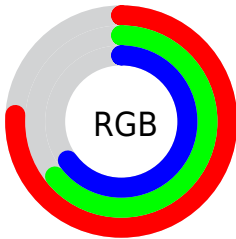
Format	Color
RYB	195, 162, 166
Decimal	12821158
CIELab	69.61, 12.76, 2.48
CIELCh	70, 12.994, 10.997
Yxy	40.1959, 0.3409, 0.3239
Android (android.graphics.Color)	4291011238 (0xFFC3A2A6)
YUV	172.3230, -3.1172, 19.8877
Hunter-Lab	63.4002, 8.1587, 5.4788

Details

The Yxy color **40.1959, 0.3409, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4699, 0.2902, 0.3342**, and the grayscale version is **41.4362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5416, 0.3356, 0.3250**, and **18.0295, 0.3500, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **33.2640, 0.3631, 0.3207**, and if you desaturate by 10%, it is **48.2805, 0.3230, 0.3270**.

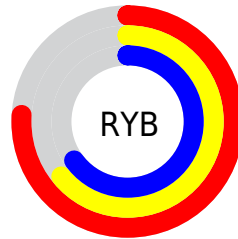
Distribution



Red (76%)

Green (64%)

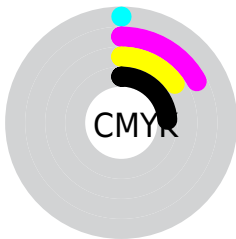
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

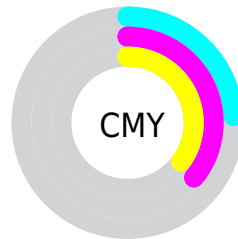


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1959, 0.3409, 0.3239 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 40.1959, 0.3409, 0.3239 by changing the saturation by 10% instead.


 40.1959, 0.3409,
0.3239


 40.1959, 0.3409,
0.3239


346.9486, 0.3264,
0.3266

 27.6913, 0.3447,
0.3232


 75.4617, 0.3355,
0.3249

 18.0931, 0.3496,
0.3222

 98.9918, 0.3335,
0.3253

 11.0168, 0.3563,
0.3208


126.9657, 0.3319,
0.3256

 6.0782, 0.3659,
0.3188

159.7681, 0.3305,
0.3259

 2.8927, 0.3810,
0.3155

197.7831, 0.3292,
0.3261

 1.0760, 0.4079,
0.3091

241.3953, 0.3282,

 0.0000, 1.0000,

0.3263

0.0000

290.9890, 0.3272,
0.3265

0.0000, 0.0000,
0.0000

40.1959, 0.3409,
0.3239

40.1959, 0.3409,
0.3239

33.2640, 0.3631,
0.3207

48.2805, 0.3230,
0.3270

27.4272, 0.3904,
0.3175

57.5612, 0.3086,
0.3299

22.6310, 0.4235,
0.3145

68.0859, 0.2970,
0.3325

18.8141, 0.4624,
0.3123

79.8983, 0.2875,
0.3349

15.9087, 0.5055,
0.3115

90.1316, 0.2795,
0.3324

■ 13.8387, 0.5497,
0.3125

■ 90.3406, 0.2778,
0.3289

■ 12.5151, 0.5892,
0.3158

■ 11.8190, 0.6186,
0.3209

■ 11.6645, 0.6257,
0.3220

Harmonies

Analogous

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



40.1959, 0.3243, 0.3092



40.1959, 0.3409, 0.3239



40.1959, 0.3499, 0.3402

Triad

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



40.1959, 0.3409, 0.3239



40.1959, 0.3197, 0.3608



40.1959, 0.2780, 0.3028

Complementary

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



40.1959, 0.3409, 0.3239



50.4699, 0.2902, 0.3342

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.



40.1959, 0.2770, 0.3159



40.1959, 0.3409, 0.3239



40.1959, 0.3006, 0.3501

Square

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



40.1959, 0.3409, 0.3239



40.1959, 0.3373, 0.3621



40.1959, 0.2851, 0.3333



40.1959, 0.2881, 0.2971

Rectangle

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



40.1959, 0.3409, 0.3239



40.1959, 0.3501, 0.3501



40.1959, 0.2851, 0.3333



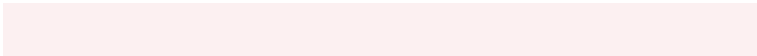
40.1959, 0.2766, 0.3065

Sweetspot

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



40.1977, 0.3409, 0.3239



89.3700, 0.3201, 0.3275



40.8075, 0.3107, 0.2871



19.3223, 0.3212, 0.3273



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.



40.1977, 0.3409, 0.3239



67.5582, 0.3479, 0.3228



44.5214, 0.3421, 0.3447



10.0972, 0.3270, 0.3263



7.5890, 0.6234, 0.3208



0.3346, 0.5770, 0.2952

Inverse Universe

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



40.1977, 0.3409, 0.3239



67.5582, 0.3479, 0.3228



45.4466, 0.2867, 0.3128



10.0972, 0.3270, 0.3263



7.5890, 0.6234, 0.3208



0.3346, 0.5770, 0.2952

Previews

White Background



This preview shows how the Yxy color 40.1959, 0.3409, 0.3239 looks on a white background.

Color Contrast Check

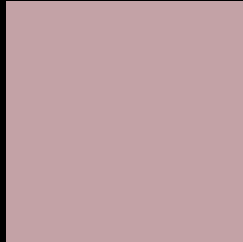
Large Text (above 18pt) WCAG AA × Fail

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 40.1959, 0.3409, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

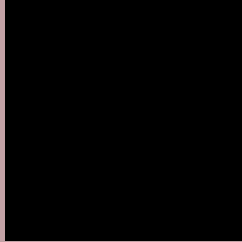
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1959, 0.3409, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 40.1959, 0.3409, 0.3239.



This preview shows how white text looks on a background with the Yxy color 40.1959, 0.3409, 0.3239.

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

40.1959, 0.3409, 0.3239

Protanopia

40.1625, 0.3155, 0.3276

Deuteranopia

40.3182, 0.3345, 0.3291



Tritanopia

40.2426, 0.3355, 0.3136

Trichromacy



Original Color

40.1959, 0.3409, 0.3239

Protanomaly

39.9608, 0.3241, 0.3250

Deuteranomaly

40.3439, 0.3376, 0.3278

Tritanomaly

40.1278, 0.3383, 0.3174

Monochromacy



Original Color

40.1959, 0.3409, 0.3239

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6108, 0.3221, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1959, 0.3409, 0.3239 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, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 166)  
}
```

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, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.1959, 0.3409, 0.3239 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, 162, 166) }
```

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

```
.border{ border-color:rgb(195, 162, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1959, 0.3409, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 166) }
```

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

```
.background{ background-color: rgb(195,  
162, 166) }
```

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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