

Converting Colors

$Y_{xy}(40.3125, 0.3405, 0.3251)$

Have a look what the booklet for
Yxy(40.3125, 0.3405, 0.3251)
contains.

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Color

Yxy(40.4169, 0.3397, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3A6
RGB	194, 163, 166
RGB Percent	76%, 64%, 65%
CMY	0.2394, 0.3607, 0.3491
CMYK	0.00, 0.16, 0.14, 0.24
HSL	354°, 20%, 70%
HSV	354°, 16%, 76%
XYZ	42.2190, 40.4169, 41.6473
YIQ	172.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

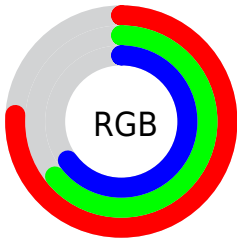
Format	Color
RYB	194, 163, 166
Decimal	12755878
CIELab	69.77, 11.82, 2.69
CIElCh	70, 12.123, 12.829
Yxy	40.4169, 0.3397, 0.3252
Android (android.graphics.Color)	4290945958 (0xFFC2A3A6)
YUV	172.6110, -3.2592, 18.7582
Hunter-Lab	63.5743, 7.2849, 5.6613

Details

The Yxy color **40.4169, 0.3397, 0.3252** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1141, 0.2909, 0.3329**, and the grayscale version is **41.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8725, 0.3348, 0.3260**, and **18.1592, 0.3483, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **33.4498, 0.3621, 0.3227**, and if you desaturate by 10%, it is **48.5317, 0.3217, 0.3276**.

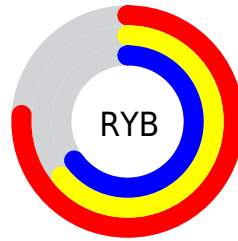
Distribution



Red (76%)

Green (64%)

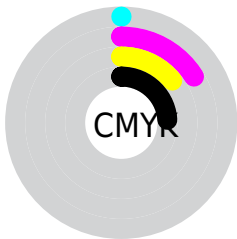
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

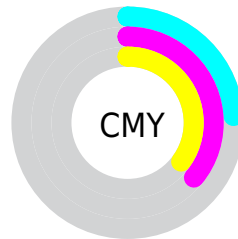


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4169, 0.3397, 0.3252 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 40.4169, 0.3397, 0.3252 by changing the saturation by 10% instead.


 40.4169, 0.3397,
0.3252


 40.4169, 0.3397,
0.3252


347.8776, 0.3258,
0.3273

 27.8637, 0.3433,
0.3246


 75.7979, 0.3346,
0.3260

 18.2230, 0.3480,
0.3239


 99.3946, 0.3327,
0.3263

 11.1102, 0.3544,
0.3228


127.4412, 0.3311,
0.3265

 6.1410, 0.3636,
0.3212

160.3222, 0.3297,
0.3267

 2.9310, 0.3780,
0.3186

198.4220, 0.3285,
0.3269

 1.0958, 0.4036,
0.3135

242.1248, 0.3275,

 0.0000, 1.0000,

0.3270

0.0000

291.8153, 0.3266,
0.3271

0.0000, 0.0000,
0.0000

40.4169, 0.3397,
0.3252

40.4169, 0.3397,
0.3252

33.4498, 0.3621,
0.3227

48.5317, 0.3217,
0.3276

27.5734, 0.3897,
0.3201

57.8371, 0.3072,
0.3299

22.7342, 0.4232,
0.3178

68.3802, 0.2956,
0.3320

18.8718, 0.4626,
0.3160

80.2041, 0.2861,
0.3338

15.9198, 0.5066,
0.3153

90.1178, 0.2779,
0.3303

■ 13.8032, 0.5515,
0.3162

■ 90.2035, 0.2773,
0.3289

■ 12.4353, 0.5916,
0.3188

■ 11.7074, 0.6209,
0.3230

■ 11.5092, 0.6296,
0.3242

Harmonies

Analogous

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



40.4169, 0.3246, 0.3113



40.4169, 0.3397, 0.3252



40.4169, 0.3475, 0.3404

Triad

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



40.4169, 0.3397, 0.3252



40.4169, 0.3181, 0.3581



40.4169, 0.2807, 0.3041

Complementary

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



40.4169, 0.3397, 0.3252



50.1141, 0.2909, 0.3329

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.



40.4169, 0.2792, 0.3160



40.4169, 0.3397, 0.3252



40.4169, 0.3004, 0.3478

Square

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



40.4169, 0.3397, 0.3252



40.4169, 0.3347, 0.3600



40.4169, 0.2863, 0.3321



40.4169, 0.2906, 0.2992

Rectangle

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



40.4169, 0.3397, 0.3252



40.4169, 0.3473, 0.3495



40.4169, 0.2863, 0.3321



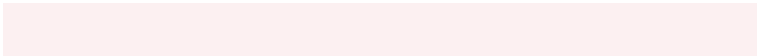
40.4169, 0.2792, 0.3074

Sweetspot

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



40.4187, 0.3397, 0.3252



89.3514, 0.3203, 0.3278



41.1540, 0.3117, 0.2897



19.3177, 0.3215, 0.3277



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.



40.4187, 0.3397, 0.3252



68.8037, 0.3467, 0.3244



44.9230, 0.3400, 0.3451



10.0932, 0.3274, 0.3268



7.5764, 0.6276, 0.3231



0.3328, 0.5885, 0.3016

Inverse Universe

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



40.4187, 0.3397, 0.3252



68.8037, 0.3467, 0.3244



44.9672, 0.2882, 0.3124



10.0932, 0.3274, 0.3268



7.5764, 0.6276, 0.3231



0.3328, 0.5885, 0.3016

Previews

White Background



This preview shows how the Yxy color 40.4169, 0.3397, 0.3252 looks on a white background.

Color Contrast Check

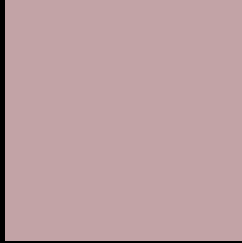
Large Text (above 18pt) WCAG AA × Fail

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 40.4169, 0.3397, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

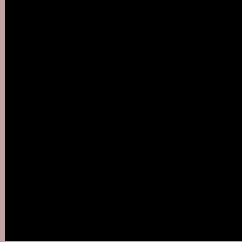
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4169, 0.3397, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 40.4169, 0.3397, 0.3252.



This preview shows how white text looks on a background with the Yxy color 40.4169, 0.3397, 0.3252.

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

40.4169, 0.3397, 0.3252

Protanopia

40.6504, 0.3164, 0.3290

Deuteranopia

40.4823, 0.3346, 0.3277



Tritanopia

40.4988, 0.3334, 0.3136

Trichromacy



Original Color

40.4169, 0.3397, 0.3252

Protanomaly

40.3258, 0.3240, 0.3263

Deuteranomaly

40.3805, 0.3367, 0.3264

Tritanomaly

40.3830, 0.3362, 0.3174

Monochromacy



Original Color

40.4169, 0.3397, 0.3252

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1020, 0.3229, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4169, 0.3397, 0.3252 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(194, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 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(194, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.4169, 0.3397, 0.3252 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(194, 163, 166) }
```

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

```
.border{ border-color:rgb(194, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4169, 0.3397, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 166) }
```

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

```
.background{ background-color: rgb(194,  
163, 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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