

Converting Colors

$Yxy(38.7424, 0.3433, 0.3251)$

Have a look what the booklet for
Yxy(38.7424, 0.3433, 0.3251)
contains.

Yxy(38.7424, 0.3433, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.7424, 0.3433, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C19FA2
RGB	193, 159, 162
RGB Percent	76%, 62%, 64%
CMY	0.2432, 0.3764, 0.3646
CMYK	0.00, 0.18, 0.16, 0.24
HSL	355°, 22%, 69%
HSV	355°, 18%, 76%
XYZ	40.9113, 38.7424, 39.5170
YIQ	169.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

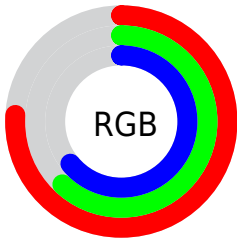
Format	Color
RYB	193, 159, 162
Decimal	12689314
CIELab	68.56, 13.02, 3.14
CIELCh	69, 13.391, 13.560
Yxy	38.7424, 0.3433, 0.3251
Android (android.graphics.Color)	4290879394 (0xFFC19FA2)
YUV	169.5080, -3.7014, 20.6025
Hunter-Lab	62.2434, 8.3985, 5.9284

Details

The Yxy color **38.7424, 0.3433, 0.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2217, 0.2886, 0.3330**, and the grayscale version is **39.9536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4269, 0.3374, 0.3260**, and **17.1301, 0.3537, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **32.0341, 0.3667, 0.3227**, and if you desaturate by 10%, it is **46.5779, 0.3245, 0.3274**.

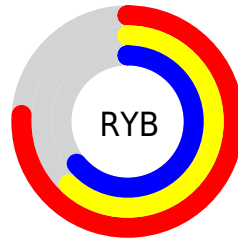
Distribution



Red (76%)

Green (62%)

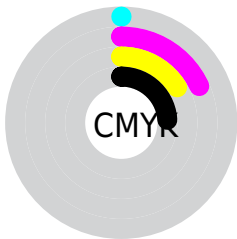
Blue (64%)



Red (76%)

Yellow (62%)

Blue (64%)

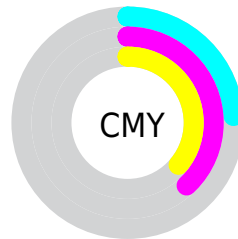


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7424, 0.3433, 0.3251 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 38.7424, 0.3433, 0.3251 by changing the saturation by 10% instead.


 38.7424, 0.3433,
0.3251


 38.7424, 0.3433,
0.3251


340.7940, 0.3275,
0.3272

 26.5594, 0.3474,
0.3245


 73.2446, 0.3374,
0.3259

 17.2426, 0.3529,
0.3237


 96.3326, 0.3352,
0.3262

 10.4076, 0.3603,
0.3225


123.8244, 0.3334,
0.3265

 5.6700, 0.3711,
0.3207

156.1044, 0.3319,
0.3267

 2.6455, 0.3882,
0.3177

193.5570, 0.3305,
0.3269

 0.9496, 0.4203,
0.3123

236.5665, 0.3294,

 0.0000, 1.0000,

0.3270

0.0000

285.5174, 0.3284,
0.3271

0.0000, 0.0000,
0.0000

38.7424, 0.3433,
0.3251

38.7424, 0.3433,
0.3251

32.0341, 0.3667,
0.3227

46.5779, 0.3245,
0.3274

26.3962, 0.3954,
0.3204

55.5835, 0.3094,
0.3295

21.7749, 0.4302,
0.3183

65.8064, 0.2972,
0.3314

18.1095, 0.4708,
0.3169

77.2896, 0.2874,
0.3332

15.3331, 0.5155,
0.3164

89.7542, 0.2793,
0.3343

■ 13.3699, 0.5602,
0.3175

■ 90.0757, 0.2768,
0.3289

■ 12.1317, 0.5988,
0.3203

■ 11.4914, 0.6257,
0.3242

■ 11.3766, 0.6305,
0.3247

Harmonies

Analogous

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



38.7424, 0.3264, 0.3096



38.7424, 0.3433, 0.3251



38.7424, 0.3518, 0.3421

Triad

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



38.7424, 0.3433, 0.3251



38.7424, 0.3182, 0.3616



38.7424, 0.2771, 0.3009

Complementary

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



38.7424, 0.3433, 0.3251



49.2217, 0.2886, 0.3330

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.



38.7424, 0.2752, 0.3139



38.7424, 0.3433, 0.3251



38.7424, 0.2985, 0.3497

Square

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



38.7424, 0.3433, 0.3251



38.7424, 0.3369, 0.3638



38.7424, 0.2829, 0.3319



38.7424, 0.2883, 0.2956

Rectangle

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



38.7424, 0.3433, 0.3251



38.7424, 0.3514, 0.3522



38.7424, 0.2829, 0.3319



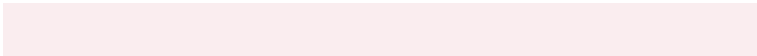
38.7424, 0.2754, 0.3044

Sweetspot

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



38.7441, 0.3433, 0.3251



87.3121, 0.3204, 0.3279



39.5427, 0.3116, 0.2855



18.4955, 0.3215, 0.3278



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.



38.7441, 0.3433, 0.3251



64.6979, 0.3514, 0.3242



43.5727, 0.3432, 0.3468



10.0921, 0.3275, 0.3270



7.5732, 0.6287, 0.3237



0.3323, 0.5919, 0.3034

Inverse Universe

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



38.7441, 0.3433, 0.3251



64.6979, 0.3514, 0.3242



43.6200, 0.2856, 0.3105



10.0921, 0.3275, 0.3270



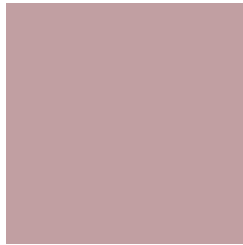
7.5732, 0.6287, 0.3237



0.3323, 0.5919, 0.3034

Previews

White Background



This preview shows how the Yxy color 38.7424, 0.3433, 0.3251 looks on a white background.

Color Contrast Check

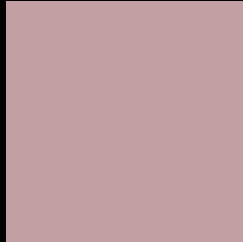
Large Text (above 18pt) WCAG AA × Fail

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 38.7424, 0.3433, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

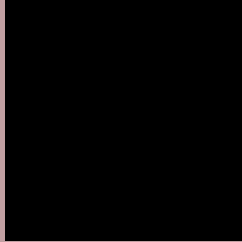
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7424, 0.3433, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 38.7424, 0.3433, 0.3251.



This preview shows how white text looks on a background with the Yxy color 38.7424, 0.3433, 0.3251.

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

38.7424, 0.3433, 0.3251

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

38.8530, 0.3368, 0.3304



Tritanopia

38.8253, 0.3369, 0.3134

Trichromacy



Original Color

38.7424, 0.3433, 0.3251

Protanomaly

38.8512, 0.3260, 0.3277

Deuteranomaly

38.8818, 0.3399, 0.3291

Tritanomaly

38.7131, 0.3397, 0.3173

Monochromacy



Original Color

38.7424, 0.3433, 0.3251

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5274, 0.3231, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7424, 0.3433, 0.3251 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, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 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(193, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 162) }
```

Border

The CSS property to change the border of an element to Yxy 38.7424, 0.3433, 0.3251 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, 159, 162) }
```

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

```
.border{ border-color:rgb(193, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7424, 0.3433, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 162) }
```

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

```
.background{ background-color: rgb(193,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor