

Converting Colors

$Yxy(38.4234, 0.3477, 0.3239)$

Have a look what the booklet for
Yxy(38.4234, 0.3477, 0.3239)
contains.

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Color

Yxy(38.4229, 0.3477, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C49DA1
RGB	196, 157, 161
RGB Percent	77%, 62%, 63%
CMY	0.2315, 0.3842, 0.3687
CMYK	0.00, 0.20, 0.18, 0.23
HSL	354°, 25%, 69%
HSV	354°, 20%, 77%
XYZ	41.2462, 38.4229, 38.9567
YIQ	169.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

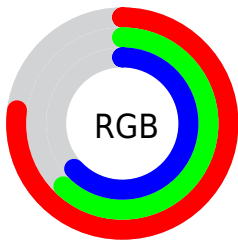
Format	Color
RYB	196, 157, 161
Decimal	12885409
CIELab	68.33, 15.05, 3.42
CIELCh	68, 15.432, 12.786
Yxy	38.4229, 0.3477, 0.3239
Android (android.graphics.Color)	4291075489 (0xFFC49DA1)
YUV	169.1170, -4.0017, 23.5764
Hunter-Lab	61.9862, 10.2997, 6.1281

Details

The Yxy color **38.4229, 0.3477, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4367, 0.2859, 0.3342**, and the grayscale version is **39.7483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9275, 0.3407, 0.3250**, and **17.1846, 0.3583, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **31.7382, 0.3719, 0.3212**, and if you desaturate by 10%, it is **46.2620, 0.3282, 0.3266**.

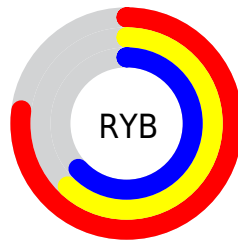
Distribution



Red (77%)

Green (62%)

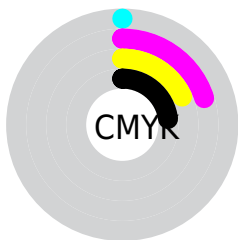
Blue (63%)



Red (77%)

Yellow (62%)

Blue (63%)

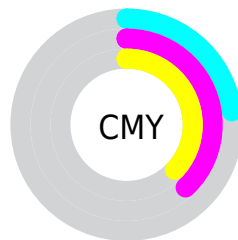


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4229, 0.3477, 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 38.4229, 0.3477, 0.3239 by changing the saturation by 10% instead.


 38.4229, 0.3477,
0.3239


 38.4229, 0.3477,
0.3239


339.4306, 0.3296,
0.3267

 26.3111, 0.3525,
0.3231


 72.7559, 0.3409,
0.3250

 17.0565, 0.3587,
0.3221


 95.7458, 0.3385,
0.3254

 10.2748, 0.3673,
0.3205


123.1306, 0.3364,
0.3257

 5.5815, 0.3797,
0.3182

155.2946, 0.3346,
0.3260

 2.5923, 0.3994,
0.3143

192.6222, 0.3331,
0.3262

 0.9228, 0.4372,
0.3076

235.4978, 0.3318,

 0.0000, 1.0000,

0.3264

0.0000

284.3058, 0.3306,
0.3266

0.0000, 0.0000,
0.0000

38.4229, 0.3477,
0.3239

38.4229, 0.3477,
0.3239

31.7382, 0.3719,
0.3212

46.2620, 0.3282,
0.3266

26.1483, 0.4016,
0.3185

55.3008, 0.3125,
0.3290

21.5965, 0.4372,
0.3162

65.5887, 0.2999,
0.3313

18.0187, 0.4785,
0.3147

77.1707, 0.2897,
0.3334

15.3436, 0.5232,
0.3145

90.0886, 0.2814,
0.3353

■ 13.4905, 0.5669,
0.3161

■ 90.4702, 0.2783,
0.3289

■ 12.3640, 0.6035,
0.3196

■ 11.7870, 0.6285,
0.3237

■ 11.7806, 0.6288,
0.3237

Harmonies

Analogous

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



38.4229, 0.3279, 0.3062



38.4229, 0.3477, 0.3239



38.4229, 0.3579, 0.3434

Triad

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



38.4229, 0.3477, 0.3239



38.4229, 0.3196, 0.3671



38.4229, 0.2716, 0.2968

Complementary

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



38.4229, 0.3477, 0.3239



50.4367, 0.2859, 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.



38.4229, 0.2696, 0.3119



38.4229, 0.3477, 0.3239



38.4229, 0.2967, 0.3535

Square

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



38.4229, 0.3477, 0.3239



38.4229, 0.3411, 0.3692



38.4229, 0.2787, 0.3328



38.4229, 0.2841, 0.2906

Rectangle

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



38.4229, 0.3477, 0.3239



38.4229, 0.3576, 0.3552



38.4229, 0.2787, 0.3328



38.4229, 0.2697, 0.3009

Sweetspot

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



38.4246, 0.3477, 0.3239



89.7701, 0.3219, 0.3275



39.2355, 0.3108, 0.2796



18.9868, 0.3230, 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.



38.4246, 0.3477, 0.3239



63.9266, 0.3580, 0.3227



43.6505, 0.3479, 0.3484



10.0942, 0.3273, 0.3267



7.5793, 0.6267, 0.3226



0.3332, 0.5856, 0.3000

Inverse Universe

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



38.4246, 0.3477, 0.3239



63.9266, 0.3580, 0.3227



44.2151, 0.2821, 0.3087



10.0942, 0.3273, 0.3267



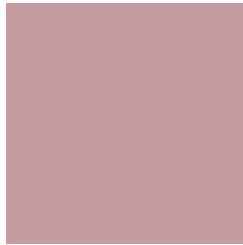
7.5793, 0.6267, 0.3226



0.3332, 0.5856, 0.3000

Previews

White Background



This preview shows how the Yxy color 38.4229, 0.3477, 0.3239 looks on a white background.

Color Contrast Check

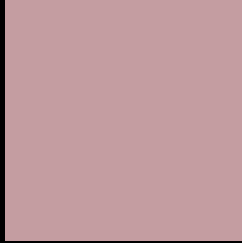
Large Text (above 18pt) WCAG AA × Fail

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 38.4229, 0.3477, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

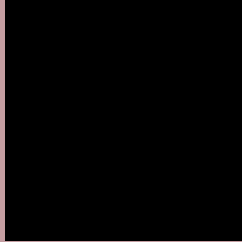
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4229, 0.3477, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 38.4229, 0.3477, 0.3239.



This preview shows how white text looks on a background with the Yxy color 38.4229, 0.3477, 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

38.4229, 0.3477, 0.3239

Protanopia

38.5717, 0.3164, 0.3290

Deuteranopia

38.3421, 0.3369, 0.3304



Tritanopia

38.4744, 0.3421, 0.3135

Trichromacy



Original Color

38.4229, 0.3477, 0.3239

Protanomaly

38.4584, 0.3271, 0.3277

Deuteranomaly

38.4985, 0.3411, 0.3291

Tritanomaly

38.3639, 0.3450, 0.3174

Monochromacy



Original Color

38.4229, 0.3477, 0.3239

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2471, 0.3250, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4229, 0.3477, 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(196, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 161)  
}
```

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(196, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.4229, 0.3477, 0.3239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

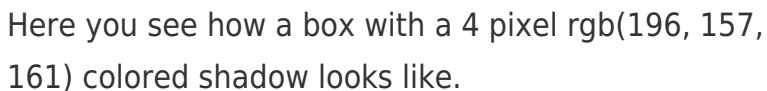
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 157, 161) }
```

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

```
.border{ border-color:rgb(196, 157, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 157, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 157, 161); box-shadow:4px 4px 4px 4px rgb(196, 157, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4229, 0.3477, 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(196, 157, 161) }
```

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

```
.background{ background-color: rgb(196,  
157, 161) }
```

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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