

Converting Colors

$Yxy(37.9839, 0.3442, 0.3247)$

Have a look what the booklet for
Yxy(37.9839, 0.3442, 0.3247)
contains.

Yxy(37.8936, 0.3437, 0.3238)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8936, 0.3437, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	C09DA1
RGB	192, 157, 161
RGB Percent	75%, 62%, 63%
CMY	0.2472, 0.3842, 0.3686
CMYK	0.00, 0.18, 0.16, 0.25
HSL	353°, 22%, 68%
HSV	353°, 18%, 75%
XYZ	40.2225, 37.8936, 38.9117
YIQ	167.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

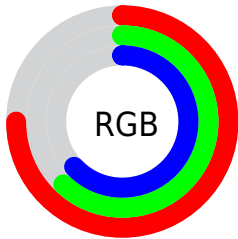
Format	Color
R_{YB}	192, 157, 161
Decimal	12623265
CIE _{Lab}	67.94, 13.57, 2.80
CIE _{LCh}	68, 13.854, 11.657
Yxy	37.8936, 0.3437, 0.3238
Android (android.graphics.Color)	4290813345 (0xFFC09DA1)
YUV	167.9210, -3.4121, 21.1173
Hunter-Lab	61.5578, 8.9075, 5.6122

Details

The Yxy color **37.8936, 0.3437, 0.3238** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4864, 0.2884, 0.3343**, and the grayscale version is **39.1267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1846, 0.3377, 0.3250**, and **16.8371, 0.3527, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **31.3411, 0.3667, 0.3208**, and if you desaturate by 10%, it is **45.5518, 0.3252, 0.3267**.

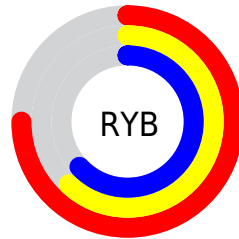
Distribution



Red (75%)

Green (62%)

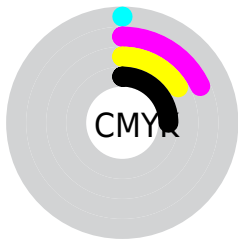
Blue (63%)



Red (75%)

Yellow (62%)

Blue (63%)

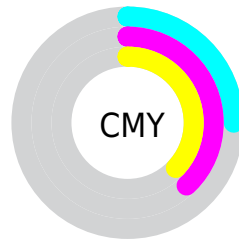


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8936, 0.3437, 0.3238 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 37.8936, 0.3437, 0.3238 by changing the saturation by 10% instead.


 37.8936, 0.3437,
0.3238


 37.8936, 0.3437,
0.3238


337.1633, 0.3276,
0.3266

 25.9001, 0.3479,
0.3230


 71.9450, 0.3377,
0.3249

 16.7489, 0.3535,
0.3220


 94.7718, 0.3355,
0.3253

 10.0556, 0.3611,
0.3205


121.9784, 0.3336,
0.3256

 5.4359, 0.3723,
0.3182

153.9492, 0.3321,
0.3259

 2.5052, 0.3900,
0.3145

191.0688, 0.3307,
0.3261

 0.8792, 0.4245,
0.3083

233.7214, 0.3295,


 0.0000, 1.0000,

0.3263


0.0000


282.2914, 0.3285,
0.3265


 0.0000, 0.0000,
0.0000


 37.8936, 0.3437,
0.3238


 37.8936, 0.3437,
0.3238


 31.3411, 0.3667,
0.3208


 45.5518, 0.3252,
0.3267


 25.8383, 0.3949,
0.3177


 54.3580, 0.3103,
0.3295


 21.3323, 0.4290,
0.3151

 64.3588, 0.2983,
0.3320

 17.7631, 0.4687,
0.3131

 75.5963, 0.2885,
0.3343

 15.0646, 0.5125,
0.3125

 88.1109, 0.2806,
0.3363

■ 13.1620, 0.5565,
0.3138

■ 89.9426, 0.2762,
0.3289

■ 11.9678, 0.5950,
0.3172

■ 11.3472, 0.6227,
0.3220

■ 11.2601, 0.6266,
0.3226

Harmonies

Analogous

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



37.8936, 0.3257, 0.3079



37.8936, 0.3437, 0.3238



37.8936, 0.3532, 0.3415

Triad

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



37.8936, 0.3437, 0.3238



37.8936, 0.3198, 0.3635



37.8936, 0.2752, 0.3003

Complementary

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



37.8936, 0.3437, 0.3238



48.4864, 0.2884, 0.3343

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.



37.8936, 0.2738, 0.3143



37.8936, 0.3437, 0.3238



37.8936, 0.2991, 0.3516

Square

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



37.8936, 0.3437, 0.3238



37.8936, 0.3390, 0.3651



37.8936, 0.2824, 0.3333



37.8936, 0.2863, 0.2943

Rectangle

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



37.8936, 0.3437, 0.3238



37.8936, 0.3533, 0.3522



37.8936, 0.2824, 0.3333



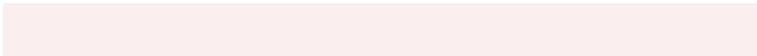
37.8936, 0.2736, 0.3042

Sweetspot

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



37.8953, 0.3437, 0.3238



87.3306, 0.3202, 0.3276



38.6017, 0.3110, 0.2839



18.4999, 0.3213, 0.3274



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.



37.8953, 0.3437, 0.3238



63.5266, 0.3526, 0.3225



42.5430, 0.3445, 0.3467



10.0961, 0.3271, 0.3264



7.5854, 0.6246, 0.3215



0.3341, 0.5800, 0.2969

Inverse Universe

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



37.8953, 0.3437, 0.3238



63.5266, 0.3526, 0.3225



43.0429, 0.2847, 0.3106



10.0961, 0.3271, 0.3264



7.5854, 0.6246, 0.3215



0.3341, 0.5800, 0.2969

Previews

White Background



This preview shows how the Yxy color 37.8936, 0.3437, 0.3238 looks on a white background.

Color Contrast Check

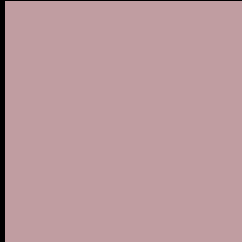
Large Text (above 18pt) WCAG AA × Fail

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 37.8936, 0.3437, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

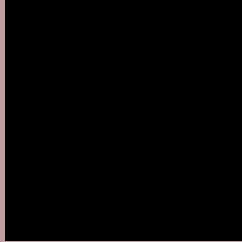
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8936, 0.3437, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 37.8936, 0.3437, 0.3238.



This preview shows how white text looks on a background with the Yxy color 37.8936, 0.3437, 0.3238.

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

37.8936, 0.3437, 0.3238

Protanopia

38.0619, 0.3165, 0.3290

Deuteranopia

37.8700, 0.3361, 0.3291



Tritanopia

37.9415, 0.3381, 0.3133

Trichromacy



Original Color

37.8936, 0.3437, 0.3238

Protanomaly

37.8681, 0.3253, 0.3263

Deuteranomaly

37.8991, 0.3393, 0.3277

Tritanomaly

37.8310, 0.3410, 0.3172

Monochromacy



Original Color

37.8936, 0.3437, 0.3238

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6146, 0.3241, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8936, 0.3437, 0.3238 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(192, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 157, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.8936, 0.3437, 0.3238 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(192, 157, 161) }
```

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

```
.border{ border-color:rgb(192, 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(192, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 157,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8936, 0.3437, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 157, 161) }
```

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

```
.background{ background-color: rgb(192,  
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](#).

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